HARVARD UNIVERSITY Fendler (1 - 833) New Mexico Claus Lights (23.4)

The spaces marked it I take a in gin Distriction In for in when never bearing that is to say were the 3 operation The red numbers are those frully adopted - The new bors in pearl are those of the spe Ranmentes tri Ventalus. No Plematis liquitica plia, there. Janta Se 121 - 19th July 189%. dans te dellay 19 th Cor Creek bottom, wit jetace. Greek bottom land, near the water Jurne land patches or wing climbing to the tops of trees & he als off runners in all directions. Meso tio de los Animos between 500 8 Ri affinis B. Holk Norl's danta Fre Fruit: 15 ! August - 16 to Banuary Janta De 6 4 April 16 t Jan Creek botto 15t places. 3 Atrajene Ochderns. Pall. Mon where way 18 mohe high Standa de 1. h. Hay = of vane Aquilefia Canalans Creek Noot of enx side of stepp in in shary places near the Ereck Vanta de (at valley in Yh Climbing over thing to. Clemater Fitcher. Council yrove 11st August 1846. mountains, y to said be to romo also, un y side of mounts, Creek bottom land. = 5 6th April . 3 d June! Delphinium agureum t few miles Cast of Council grove The August 1540 Kigh bank of a Non lech be wee and for and Janea to collar land Aremore of bridgin near he week anomic willows 3 x Ch 1 , ben , 845. of you it's East of Janta de, Cruk Diarusem Var. velley in the mountains, Thaty stiers feel of rocks near inves wants of More 1. A. Mex irrigating ditch . on reside wit . 15 20 lugue 34% 16 % 14 75 June 184" Anemore oglindria i puid Actaa mbra, Willi A gew ites with of hums as deis da ta de treck Mon bet un 28 Office ber, 84% he mountain, da a haly places fortite soit. 5 Intratita patens. 20 day - I June in glower 8th Suly 15, 11%. danta de telen mountain repr. 4. while, pet none - tam. range . 17 4 26 15 April Lesser niets at the root of mounting Malietum bromete, L on y nother loping northern declivities, tolorably your soil. Wanta Je Cre h-valley shax. places, mary ray irrigating ding 6 baltha leptorpala DC. at he fort of perpendice rocks Junny margin of the brech 13th June - 1st July in flo. 6 miles above danta de, in the 19 the July in grait mountains). Sortile soil I lowers diserious. 3 d Sune 184,

I find no specimen with this number but suppose a form of the last number, that the is meand by it. Bother times.

13 Lagues 1817.

Berberidaceue.

14 Belies (Mahoria) Agrifolium
26th April 15th May 1847.
Upper part of Santa De Creek wally
Bid sof mountains near the top
as well as the feel of them; also:
in the creek bottom.

Courge un leaves, most of them outer, partly eaten by animals. Fruit ripens by the 28th of July.

15 Babins Frendlein. n. M.

Santa Se Creek, foot of steep and rocky banks not far from the water. Should of room 3-4 feet high.

Nome specimens have the lower leaves sharp servate.

Supravoraceatis

One of the varieties of Argemore
Muxicane: I find so Specimen with
this number:

1846 The alnut breek,
rather low prairie.
Values of the cafesula 4, with
prichtes the points of which are
directed towards the afox.

Avgemore mexicana a less
hispid form

27th August 1847. Upper Spring
(commeron Riv.) A Med: protes, the
values of the capsula 384 with protes, the
points of which are stated away from the aprex.

16 Agenne hispida. u. M.

I'm June - 28th July 184/.

Santa Fe. Low, love, sandy places, in the neighbourhood of field,

Stern upwards of 2 feet high.

Vocially in great numbers.

Fumeraceae.

17. Comptalis aures.

ofanta Fe Creek valley, between rocks, generally mear the Creek. also: moist gravelly parts of the Creek. The Creek to accasional insendations of the Creek.

Cruciferac.

38. Vencaria alpros, Mut.

19th April 31st May 1847. On the
lesser hills West of Santa De, Sonte
publicy and dry soit, gently stopping
declivities (both sunny & northern),
amongst stones.

39. V. Ladviciana ble.

Santa Se, dry gravely hills, 24th May 184%.

Janta Ge, Lesser hills, 29 May 1847. A fruit specime very different from those of 12 28 . also some different in the leaves.

41. Draba cumifica, Anti15th April 11th May 184%. Sansa Fe; creek-bed, in parts exposed to inundations; gravely moist out; petalo 4, white.

42. D. Micrae Me a. Mill.

8th _ 24th May 1847. Bio del.

Norte, summy side of ravines.

Silicles more rowded and some
what dolled; Istem marly smooth.

Mountain walleys from Jansa Greek Was Hear: 10 Prabbil Gar breek Win Mex: 10 the 20 th Magnet 1877 Shere seem to be 2 different forms of this plant.

19th March - 5th Sune 1841. Janisa Se Crek bottom in the mountains, also foot of mountains Petals 4, white. 8 May - 17th tugust 1847.

Riodel Norte, flat sandy bank,
was hed by the water, East to
Mora Biver.

19. N. A Stussum Met.

19. N. May Sad Jane 1841, vanda
Se, Creek - Lyttem, low wet places.

21. N. Marvearfrum, n.M. 29th viane . 5th Muly 1847. Vanta see brock, low wel places and margin of the crish.

45. Lepidium moderale L 16th stune 15th Suly 1847. Santa te, Eastern mountain range near the irrigating witch of a grote.

20 A. palustre var. Hanta it wet meadows and moist places of the Crock bottom of the May sych stane 1841.

soil near inrigating disches

Joh March 15th May 1847.

Nanta Ste, creek valley . Moist

su why soil in parts of the creek

bed expense the sociational inundustions. Marely on hills between

rocks.

24 A-trop Kanthus Unean plins and Mr. 13th 18th I lady 1847. Ilantate Survey side of a list ; a monget rocks.

22 Stript anthus longifolius, Buth, 19th Inthe Hugust 184/ Santa Fe Upper part of the creek valley foot of mountains.

Stuptanthus micronthus, u, Ma 23

26th study 1847. Sunta att Creek, margin of the water Flowers. 24 Streptouthers linean folias.
11th August - 15th August 1847.
Mountainous region from musto
to to leyas New Mex.

25 Araby hista Jely, 6th June - 8th Tuby 1847, Santa Fre Creek bottom in the mountains; margin of the cress also in shady moist places.

26. Furntes glabra L

32, Sisymuliam Canesces, Mula 24th April 19th May 1841. Santa Fe; dry gravely fields; Solato 1, gellow Whart rather society.

133 (Wh mun as perun Db. Utol. 19th. 19th ... 1/2 August 184/. Yan Miguet to East of brock creek (book Mex.) Spots of gertile and is use with might prairies.

34 E. asperm var.

15th May 10th study 1847. Santa

to Cak valley, level somewhat
danys ground pool of mountains.
also C. affer Var.
Findel Norte, 24th May 1847.
En a ledge of rock high up on the
steep mountain bank of the

28 bardamine condition, n. M. 15th May 16th Same 1847. Clargin of Wanta so Creek

13. Draha austa:

8th May - 28 " July 184%, Jantos Fre creck, shady deep declivition and foot of neountains. There is in the creek of the court of the creek, so there and low burns of the creek.

Mi anis nigra.

21 d'ane 26 hastely 1847. Jania de, near irrigating ditches not par from fields. 15 th August 1847. Bank of Horo. Trever this Mex.

31 S. Affile.

16th Same Straty 1847. Handa.

the maryin of the Creek, 5. miles

Cas' of randa the, in the mountain.

O. S. hills.

16 " - 24" June 1847. Santa Fe creek, feet of mountains.

2/ Stanley a primatifida . Shi 2/ september 1846: 15 miles North 6. of ino de las Animes . between 5 miles told & Santa 32.

18. Polanisia trachy puna Truster.

14 28th August 1847. " rome

210 Colorado 10 the Crossing of

in Conomarron 2. (100 Mex.)

24ther low places.

47. bistalla Lave en Touten, 28" Maguel 184; Botween Crossing, of the commarion drive and 199 low Sar, Siw Mex.). Leife , sand,

49 bleme integrifica. Two Her.

7th Dane 19th Colober 18 46-1,

seant & Ar, low level places near

the ponewhat savage near he lown, al

also near the Critico East as yar

as Cow Creek. Innual herb.

Flower white, - the same

So Vi wellata.
8th deplomber 1847. Tawnee
Fork, sleep bank of the river,

15th May 15th July 184/. Jan'a Fr, Cut bottom in the mountains, starty damps places, fentile soil, sondines maryin of the Creek.

Cistaccac.

52 Lechea minor s 15! August 1846: 60 miles Kist of Madependence.

Hyproricaciae.

53 Appinoum Scouler.

16th Sune 8th July 1847.

Vanta Se, Creek bottom, in the mountains, murgin of the creek and moist places.

Caryofe hy Maccade.

63 filme Menieni, truk, Bs

12th May - 25th of une 1847. Hanta

en castern mountains creek between some

pertes.

10p. 5; (Petalo 5, by abortion 4) oleft,

(P) inside of a petal showing the 2 little

elevations near the base of this blade),

altern:; altern: 10, o nigher than the not)

of Mary 1847. Hanta se bruke.

13th May 1847. Hanta se bruke.

valley foot of mountains gently

slopping tectivities between stone.

conty in one region). At white.

So. Drymana Aper words, his went a ste beet valley in the mount wins, open level trail, where call be und horses were always grazing often bitween Stanta St & Mass. 28th Suly - 10th August 184/.

Ol. Ceratium metand. Nel.
20 th May - 16 th Same 1847.

Santa Ji, creek bottom on the
mountains, near the creek.

10° vane - 12° Suly 184%. Sant a fe, Creek valley in the mountain, between rocks near the creek.

54. Sagina Linnee. Pres. 25 May 34 Dane 1847. dansa St Greek valley, moist level soil. I lowers: minute; Fix white.

65 Silve Multicale Mith.)

1 - 19th asuly 1847 of antic Se.)

Circh vally in the mountains,

mary in of the creek.

15 28 Maly 1847. Vanta Fr. Creek lotten in the mountains.

57. Amaia Felden, M. M.

14: (agust 1847. Prairie, 5 wills

1521 - J l'eyes (lew Mex.) I lower

white.

56 Drymonia tenella, M. Mw.

14: (lugust 1847. 8 miles hist of

Urgas, Niw Mex.), woodland on

the mountain region, shady places

"Iffer from No in the size &

shame of its bracks.

143 August 1847. prodland 6 mls 43 degust 1847. prodland 6 mls

58, Stillaria Camujusa. Tota,
11: August 1847. 2 miles East of
More live, at the foot of high act,
by: Cene stellata

douth of Fort Leavenworth.

60 Drymania condata, Will.

10: Mayast 1847. I few miles

East of Manta Fe.

Allecebraceae.

68 Angelia dichtora, My 21: Apromber 1847. Creek hottom about 20 miles Cast of 110 love E. bg. Parviyelia Jamehi, hur this

11: Cleptember 1846. If few mi his
Cast of Big dand Creek between
(rossing of the Arthunsas St. and
Bant's Gort). Might geras ries,
gravelly soil.

14: (Hugust - 11: I plender 184).

From Jan Miguel (A. Mex.) 40
Council yr ve; Soose soil.

70 D. periliflaa, Nutt.
25 Floores 184 Just few miles
West of Me veess (rect, Nother,

Sartulacaceae.

28: July 1847 Santa Se, Crechbottom in the mountains, on a level tract of grazing ground.

26. J. Pariflowing Mill 25 - August 1841. Between Frakht Ear & M. Vecs's Creeks / N. Mes. 1 Flower: intac.

Jalinum caryeinum ingland selikepot.

34 September 1847. Sand hills
4 miles obruth of the Crossing of
the Crossing of
the Kansas Tiv.

Hower five red, the size of a
dine.

73. Potulaca ful sa. 2
3d September 1847. (rossing of
the Arkansas Tiv: sand hills
South of that Rive Flower red,
near the size of half a dine:

St August 184%. Nanta Fr.

common in was to places about fown. Flower: Aug yellow.

Malvacede.

13th June 8th August 1841. Santa de, Gunds & waste garden places.

76 Malia involuciata Intry 31 d August 1847. A few miles 76 the same as is to 3. September 1847. Bunks of Bus. 77 M, undernota, var. 24 5 8 25 + August 1847. Low moist places at Rabbit Ear &M. News Sidalce a Manufacticana, with 30 Vune - 31 thuly 1847. Narta 80 Didaleea Candida. n. 1p. 24 : Vane - 28 : Staly 184%. Santa en Creck bollow near the Crak. Malvatin Evelenen si clane 30: Quely 1847. Wanta in, mighbourhood of girlds & waterdails. 78 Maraleea minata, Spach, L'evane 4" tunes 1817. Vants . l'e wet mea lows and near he was as or arrens & to las. 82 Malvartrum Everinem. 24 May 30 Vigitimber 18 4/. Manta Fer, plains & foot of the lesser hills near distones. East o Roch breek, Also . Fone Creek betwo soul's Fort y Santa ite. Limeaceae. Linean percare 13d May 1841 Vanda Fe level rather fertile tracks; yut. J. By indus porenne 15: 26: cfugust 1847. Between l'eyas 3 Mora Eiv: (N. Most) und a few miles tart of cold Mariny (Gimmarron). 85. L. Bulanden vari

1' May - 18 stuly 1847. Hills

about . Lanta Fe gravelly dry seil . Howers : Jugacious in the

ling hest degree.

This 85 may be a more variety 8H 85. L. Bule Dein the first. 3 1 - 11 Vune 1847. Vanta Je I'n an old dry irrigating ditch. This plant seems to differ from the preceding one in having the class of the putal of the same oliver as the blade , while the preceding on 85 June of last claus born 9: Hugust 1841. Detween Willow Bar & Middle Spring timmarry 85 pare a last. 10: - 26: August 1847.

Nord : 20: to Cold Iring (im. Elinum Berlandiere Middle Spring (limma ron 3). Linum rigicum between Jurkey Gr. & 110 lich. Geraniaceae. 87 Goodium Cientanium. 15: April - 20: Colober 18/1 1/. Santa Fe, Crack botten and foot of hills not far from the creek. Found a plant of this kind in flower even as late as A! Haven by when the greater part of the creek 88 Geranium practitation Kar all flows. Fr. Creek orlly shady plans moist soil near the creek, I never found this plant growing in ely Ry G. Acesticion James Janes Say Stay 84% Santa The Creek near irrigating ditates Geranim pentagy num. 18 - August 184%, 5 miles Cast of Moro Rive bottom land.

89. Is petopper (Arenation)
18: August 1841. Veems to differ differ from to only in its color! 6 miles East of Moro h. Caralidaceae. 41. Halis Vespetitions. mr. dy. To July 8 August 1847. Vanta The ma gin of irrigating ditch, and in low best places. Marsilea without fructification! 21-May 184%. Tiro del linte. of the water in shallow places. Toxalis stricta T' d'epitomber 184/ Schween leon Fresh and Pawnee - Fork Balsaminaceal. Imputious pallide of an Lependence " one to hottom, Janthoxylacene. 94 Ptetea augustiplia, kat 1 .5 May 1847. Trio del Ferte Sty and rocky banks (Iraf formation) Varues from y to 10 feet high teaves of an agreeable odor. 95 - Same or last. flower sp. 5 May 1847 Tro del Norte Sep ruvines in the mountains Inacurdiuceae Thus copallinum Follow land, a few miles South West of the upper ferry.

97 Ches Cercanty, Jor. and. 8 Suly 1847. Santa de, Crech valley; strip rocky mountain 26: April 847, Fruit specime in the same locality from he hreceding year, in the sand locality. 98. Khus Tricolaton. 11: - 21 t Dune 184%. Santa Je. treet valley in the mountains shady bank alpenards of 4 feet high. docially. 99 18, trildhata, Shot 25: May 1847 Grait specimens. Bir del Norte Preciperes of the mountains and ste for delig banks of the river. Should from & 8 feet high, for susses a peculiarly disagreeable odor. The bernes of this should leave grandy speals on the fragues in being Also: 16 tugust 1841. Moro liver rocky with side; rigutions 8: May 1847 to del Norte Flower Specimens from the same region with No

29 R. tildrata. Mits

Zygophy laccae.

100 Kallstroemia maxima. 24 - May 6 dagust 34/. Tio del Verte und Santa de Open wel places, loose soil about lown near fields and waste places; and nate to the The leaves of this plant when wet confiait to the paper & yellow die.

Accoraced. 102 Aegundo acervides, Vari male spec: 32 d April 184%. Sunta et , Castorn mountain range Ouch valley, mar the marging the creek and in low situations at a small distance from the some. Lary trees; to a part of the link generally very knolly, which seems to arise from the many a owned the tree receives early in spring, in order to draw the vale from it. Ihis safe is wather on holes out in the trunk of the tree at a little distance below the arandea places.

Leave & fruit Specomons. 30 h.
April 112 May 1841.
132 acquire.
Thegundo providu.

8: Vejet nour 1841. Pawne For & Crak bottom.

101. Acer topatelum, but.

12th 28th May 1841. A should 15 wet.

high, of shoulder growth, in should, places near the creek, Eastern mountains, stanta se.

31's May 6' Ware, fruit.

Celastraccae.

Vaphyles trifoliata

of Council - your seardens

10! Sexul br: 184%. I hady bottom. land of 110 Greek. Somewhat lwining.

Howey, 24: \$ 25 'Sune 1847. Santa ere cash is mountains surrong side. for brigh and

25 : staly 84/ in fruit.

Pachytima Mymites B. Major.

13: May 3 Vine 181/ Nanta.

15: May 3 Vine 181/ Nanta.

16, Creek valley in the mount.

21:13. Vool of mount sains, shall ship declived in in soil consist into of decomposed rocks interiorising

with vegetable mould. In overgreen shrubby plant about I port high. Their roots consisting for the greater part in the older branches which by coming in contact with the ground sent down root lets, ma are therefore but slightly covered

Vitaceae.

Morioin, at the foot of historie

108 the same

28 study 1847. Wanta te creste valley, between solis.

25: May 184, Eio del Norte.
26: Shrabs.

Polygolaceac.

10 Pdyda Daginea. L. 13: Migust 1841. Low prairie. à feis mi les trest of l'égas.

110 P. alla het

25: - 28: Lugues 1847. From: Eablit - Car Couck to Willow bur.

Sequiminosae.

- 111. Vicia truncata. Ant., 14 October 1846. Between Colora. do & Bornejo breks, level prairie, good soil.

· 111. Or Dane.

3 d June 10 : Waly 1847. Vanta The , creek valley , foot of mountain, 113. Vicia Micrantha Var. : 5: May 1847. Osio del Norte. Vhada places in sego ravines besween rocks.

111. Vicia trumcata. Int.

III. the sume as last species 17: August 1847. 2 miles Cast

112. Vicia Americana, Mell.

25 : June 184%. Vanta Fe, neight.

115. Lathyms polymaphus,

1. May 25: Maly 1847, Vantacti,

(e. L. valley, most abundant near

irrigating distohes in the lower

na i of the valley. Alwars: it

different colors, but most generally

of a die, i crimson which turnes

into deep blue in drying. This

plant it never observed to in it is

by any directic animal.

116. L. Balustus vors

31. May . 3 d Sune 1847. Sanda

He, lower part of mountain.

1060.

"lower of a rosty votor.

117. Shaseolus leiospermi. Torder

5 depto: 184]. 3 miles West of tool Man (near the Arkansas A) sankey a Creek.

119. 3 haseolus Hetrolus L 28: August 1847. Willow bar, 100 wet bank of the creek.

121 Shy Circhica life to tar Auto 18: hugust 1846. Low places a in the maines, 12 miles Cast of Council Grove. Also: Vanta Fei, 25% Sune — 4: July 1841. Cock valley and in waste places about Fown and new fields.

Mant viscose, and leaves a

print of its shape in green color on the paper.

122 Produce flowbushed 1847 14: August - 9: September 1847, From Jan Miguel & Cost-Crak, rugh prairies.

123 P. aysphylla. Runs

29: Hugust 1847. Setween Willow Bar & Midelle Spring (Cimmarron).

Amorpha canscens

Anopha Careste.

145 Eluguet 184 J. J. miles . Vést of llegas, woodland . Plant: 2 3 feet high.

126 August 182,6 8 - Septen 4/

100 mous is est of Independence to Pawnee Fork. And from 3 to 5 feet high.

127 Dalea alopecunidos.

10 Outy - 13 : September 1846 4/ Vanta Se, margin of irrigating Litches near fretols. Citto. Low prairies near the Me hands

19: May y colume 184, Santa 19: May y colume 184, Santa 18the they gravely wills, sunny sides. ch should of dwarfick growth, to to I foot high; show and branches very crooked and confusionly intangled in each other. Fruit spee: 218 Vane 1841.

133 Jales Lameri, for.
21: May 25: 6 Lugast 1847. Santa
Ste, Manny sites and foot of
stony gravely hills.
Cast to Mo Noss's truck.

Tuica taxifiora 27 Jugust & Sopla: 1817. Upper Vinning (Cin. marron) to Walnut Crack. Burite. 129 D. aurea, hot. 15: -27: August 1847. . tirom Vigas to deper Muring (Cimmarren) 130 D. nana, Frm w. 9' August 1847. Willow Bar, Stimar. 128 Sales lonata May.
387 Lugust 1847. Setween the Crossing of the Commarrow R. & Hillow Bar.
cow andy places in the prairie. 12/x ca reoperandes = 141 of September 184% I few miles What 134 Sitaloteman Villosum, Null 28 29 Jugust 1847, Between the Crossing of the Cimmarron and Hidalk Spring. Candy soile, 135 D. Cand Tun Wicho. 112 - 26" study 847. Vanta Se, near 4. Jugust 1846. I bout 90 miles west of a ndependence; steep side of a schi daff.
sot stay ust 1841. Middle algrang (Grimarron). 12 Vetalostomon can 2 yerry of the Transas live 137 P. Vidaceum Midra Michael 1847. 5- miles 18851 of 138 P. Violacem. glatus, 13 - 29 : August 1847. Setwee & Willow Bar & Middle Spring , Commaron D'andy soil, Also l'jo de Bornal. 139 P. masstackyrim, Tu, 30: August 1947. 18 miles hest A Lower Offering limmoron)

40 Infolium uno hesateun no 3d Cotober 1846 Fore treek , between Sent's Fort & Clanta Fe Mesu: 15 Oune 1847. Has to the Gut. 141 Mililder parifler dads To ane & 19: O taber 1846 -7 Santa ste, low somewhat wet places about own. 142, Midicajo Sativa, L. field amon 1st weeds of Corn lacket. 143. Hoackia Pristina. (utrhing) and to a (net rech. high 146. Astrajalus Karyo confrosten of " + forit - 9" May 1894. Plais about Oxasa de real sointy ort; socially of rether love depressed from the is particul from 1-2 feel to trend had been exten by any animal what 147. A. carrientous, var, fl. albis, Joge her with the preceding one Hower white. 171. Johna Sericea, Sutt 15: - 26: August 34%. . in Moro vive to Cold Ofming sines 148 Antrajalus Cyaners, n. M. 22° April - 28 May 84. clanta re, gravelly hills and lessor mountains amoingst roths. 149 A. Minorineurs, butt. 8 = 25 39/ ay 1847. Oliv det a/2 1c and Cant's ite. Afterey will. 151. A. 2-tilled light. gravelly wills. 156 A. Auttallianus B. Incho caper. 25 - May 1847, wiro del 1/2 12 Peur its Bank. 152 Astrafalus mollis in mus, Im 26: August 184%. Between Meder

Creek and Cold Ofring (Gimming)

153 A. mollissimus, Jour. of Go de Bernal (New Mex). 154 Grytops Lam besti, Puston 5: Ingust 1847. More civi praine 155. G. Campertus B. Meciona. -5 - chaques 1847. Solween tables. 150 Astrajalus Hyproflettes, L. 15' August 1847. flore . 11 ver; 146 A. rigalis in Phace 1 1 to 21 Lugust 84%. Detween Colora to Bio. & i rock - (rech / Sentla) a en pravil. 157. Thaca Hendleri, n. M. Between danta . re & Pocos . Hord land in the mon . trins . 10 ? a tugue 161. Phala Spicta, n. M. 8: -25: May 184%. in del Norte lease I rily soit not for from the river especially around and between low shoulds. 154, Phace triflora, De. 19 April. 98: Tune ,84%, Vanta the journy and stup declientes f stony intes. 159 the same as the last 28 . Hay - 28: Sume 1847. O's whate 156 the same as 165 24: May, 817. Vanta te. 158 T. pacilenta. 11: Sulas 1847. Janta de; wills. 160 Phaca macrocaspa, 4, sp. 34 - 13 Same 1847. Hante de, surry hill ide, between rocks mountander prosection of sterules. 10 de pedeça capitata 16: c'a Her. 1847. litto awood Cout to Transas i liver; dry prairies. 10: 25 Inquest 184% of few miles Ent of Janta de to elle stills

Lespedeza reper 1 - 12 166. Lufinus Curreling Startes of May- 30 Variant Sucastras Signal Sucastras hood of fields & wastining ating ditches, ather worally. Iruit, 30" Sune -2: Jugast 1847. 16 Wer of 166. L. december, var offherlier. "leaver light rose color. the Land line Vari 24 " Vane . 8 duly 1847. Santa te, Creek valley in the mountains foot of mon it xins. 109, L. decumbers, For. 3. Velober 1846 . Comi Creek, beta Bent's Nort and Santa Mel; low prairies. 70. Thermoppes montana, Anto. of May 3ª Hune 1847. Ans la The Creek valley, 5 miles above Junta de . Hoot of mountains and in level moist places Mencis cana usis 18 Jeff to: 1847 Council 9 ove Stoffmangera Lameny Tits 8 - Luguest 18-17. 1 f. 1 miles 115. y the first of Counce ron in and a: 1.2 How down, read side Cassia chamicechuista 31 tayust 184%. I few miles marrows. The modification 14" 1 lugues 184%, Detween Va. Miguel and ligues it ther) . Desimanthus Lameri, 7kg 4: Voto: 1846. A few miles wouth y rayx do but; faitto / berw: 63. n1's Hely Haratel, hillside, grack,

178. Dismarthus backyto bus, Belle. 14 dayust 1846 Black carn Ding 29 Luguest 1847. Between Willow Schrankia angustata The lugues 1846. Council y ive a resy fullsine. 181 Minupe bosealis, n. Mp. 27 . Jugar 1817. Huguer In " (lin me -), hillside. Given arietinum " Ingust 1847. Vanta Si., 145 / translus runacens I 11 · lugust 1846. omites on h cy fra sas live woods reader. 13 chaques 1846. 1 bout 100 mils " at a 21 ndylon lance; on the a i devived dares ox she ine. Toasia manglandica 21 - August 1846. Council y rote; low clases - law; grown 4.6 text 118 Aprios tuberosa 24. August 1846. Councily re. doping bank of he creek and Imphicarpa meneroa 21 Sugar 1816 Council green Egeer banh. Desmodium sessili folium 16 : Jugues 1846. 117 miles Sist of white were to me, appear use or he Creek hant. Bisin. Dillenii 16: lugart 1846. 117 miles west of Windependence bunk , ta Creek and in botton land. Khitroffly ta Mintana, N

1: Jane 184%. Santa te, grav.

elly hillside socially.

Rosaceac. Truncis americana 224 August 1847. Rock breek, 126. Cerapy/Vugina. 14 August 1847 : miles 6.1 of Mora tive charelex ; fort 183 Armentic Vulgais? Santa te Cech valing at no year lastures from vouses. Vers or about 30 " 40 feet hogh branches foreating very mu te 20°01 pm 1 1847. in glower or wlay the in lett 185. Verabus Cemis Da, Mitt. 8 May . I June 84% Santa In Creen L'ap rocky banks, at the mangin by the creek. 187. Sphrad spreliften. V. pancista 2ª -16: esu e,841. Ma, ace Crx foot of firels. I shave about 28 " July 184, 190, Gen macrophyllum, W. The fier button-land of the ogter; gentile soil; 192, J. Male, L. of the Cree in the mountains. 193, Hallugia paradixa. 24 clay 4 - Cetaber 1840 7. to tel Porte and viayano rue hel sen vento tort ina Vi te (The). I roles of ravines and week ocif vantis of the river. Shrub from 2 to 5 ket high 195. Agrimaina Empatoria von Alis Creek bostom near the vater.

Agrimonia empatonsices Jugur 1846. 18 miles douth of a rort Leavenworth. Myoum virginican 17 clugart 1846. 15 miles Cres 197. Pristing grove; creek bollon 24 5 June 15 : 2/11/4 1847. Hansa . He, crek valley; surry wide of more lains between cocks Il mily above Nante to te . Hand wiscose. 201, J. Pennsylvanica. S. 16: August 1847 More hiver 202, Ptatilla Pennolo, B. Confita, 5 salune - 8: oluty 1847 Wantx Je Creek valley in the mountains your above fanta te, foot of nountains durny will 199 Potatilla crimita, m. M. 1: 15: July 1347 Santa Je, creek bottom; xlow foot of mills nel far from the creek, su my sile of 203 Volutella rivales, Mitt. 22 d'une 26: 2/ aly 1841, dans a te, cre & 6 den, nayin of the But. 198, Ptentilla di ffusa, n. M. 16: 15: nane 1841, Mantre etc cet bottom, noist soil. 200 P. Ansema. L. 13 May 24 Oune 1841. Janta Je 197 fina B, 204 P. fastigiata, Mit. 3ª alu 184/ clanta to coch bottom at some distance from the water. 205, O. Sowierca, L. 16: Nane 13: Muly 1841. Vanta I've, creek valley in the mountains y mino above dante it's foot of 200. Ingain Vigniana. Whish 26 April so June 1841. Vanta the treek. dunny decliviti's

of the mountains; more frequent.

at the good of mountains, and in the wall y not far from the creek. Socially and into mixey with the podosony one. 207. Hragain Visla. V. 224 April 15: May 1841. 27 'a to , creek valley . of n si mala. ciarliens with the former to ecting me, Though generalis u so high aft on the mountains. 208, Rubus Mithamus, Mus 11: - 6: alune 1341. Vanta de, bank of the Creek & sharly places 75° 1/11'4 , in south. 209 M. Striggers, Miche . 1' May 1 June 1847 bandade cach vx by a the more thing, shuly plan maren innigating after, never ale and ad ing 210. Rosa Manda, Al. (ach, new ifo he wis.

16 14 5 14 2 14 184/ Wanta de 211, R. Maria B. 1. 144 1 184% work wich white illex , creek var ha is yes other who wis. - Q... 212, M. Mortini!

and August 1841. Each och Min M. x.), bottom land.

15 t. Augus 184 32 ho of Mos rive policher,

213 Andaychin Candans valey in the won dais, ?. above tartate, surgeride of

Prunus domestica (all)

sof April 1841. Handa ete Spirka Dunora, Aut. 188. July 1817. Man la de uny es palot be treck; wheep sun'ng sider of moer lains. Inrub whou's of seet high.

L'piraen mespitos

21: August 1847. Pio Colora do Wiew Mex), thin layers of soil near the iruer bank.

panifolius. Such 13d 15.3 study 184/ n fruit clanta to Creek valley in the

mountains liet rocky sunny side is steep only mount wins. ex shoul goto 18 per ingh.

214 Ammamia latifolis

24' Juguet 1846. Courcet Grove C. ee'h bed.

18 colepitor 184% a last Cresto volon stoods 16 miles cast of love in

10: 1/pt 15. 1847. 2010 m of 110 ink

Lythum water

T' Vi agod 1846. Council Grove

2/5 + 1 - 120

1. August - 1' dept br. 1846-1. 18 miles South of wort Leave. north and , in is a few miles I'm h 1821 or he a. a verry or handas line.

(nagracede.

216. Epildium augustifdiums. 24 Mar 283 Maly 847 2 axta sic in raisines, flower for pole.

217, E. Coloration. Marke 16 same 30 ! Veptember 1870 / Santa ite, creek bed granelly wet places new irrigating distohes grossy marin of the coul

Eatin creek between Bent's Fort & Vanta de Com tollon the monntains.

230. R. (Salpugia) Fend len, up 13 May 18: July 1847. Donta Je sunny will side also: Tio detirito bank of the river, flower of a sulphur color, is ich turns to be rea in a few days ufter opening and in

222 R. Kin Spifolia, J. Mr. te creek valley . . n xilfer not localities on son that one and up. in the spring to elevate the side of animoderny di chi.

In the set inty wite oge small will 'n places where the soil was kull of ants. Cetals who to but 'm in, into red when x ying.

223 R. Minatefide Sutt. 5-10 - lay 84 mail 12 1e Gravely soil near the rive Vitalo white showy . cilse tanta 218. Euthera Holler

24:0 une 184%. danta de uneh-valle in the mountains, fort and many side of mountains. Flant 203 per

219 Cenothera Giennie

19 ceptember 847 Craine letw. Bluff creek & 110 creek.

220, a, himning & camercas

so rule of the lover forry of oven sas were within I feet high.

223 C. primatifila, drang. 19 - 2 Tune - 18 2 nuly 184/. 1 1/x evated places Flow so opste

6. to same with white fores 1 " study 184%. Stanta et.

221, R. Smuala I. hisuta.

Siller in near a field. Panta He, 230 the fulled

28 - August 1847. A few miles West of the crossing ford of Gimmar.

230. b. R. Fundlin: = 237, folis angu tionibus Cast of rock Creek to year miles Feet of the Lower Hiring lineman

228. To. (Pachylophis) Frandler. 16: June - 19: Tuly 1847. clanta

229, R. Servulata, Auto

15 they Wandy hill side.

224 the same slast

212 - 28 they ust 1847. Low praise ries from in tolorado to the ford of the Commarion &

229. R. Sernlata. Mitt.

15: laquet 184%. 1/10 de

224. R. Jimnatifida, var integrifdia.

23 d June - 18 5 July 1841. Panta the , near irrigating distones . Also. 8 Hug wit 184%. Wil wien the form of the Cimmarion . and Willow

the same as last more carescent

29: tugust 1841, I bout 10 miles Cast of Middle Having imarron)

225. Co. specioa, Var.

"I Light 184% Creek bottom, about "o miles Cart of 110 Creek".

22 Terother Speciosa

of Council grove, dry prairies 22 Denother puticosa var

'4' luguel 1846. Counci Grove,

227 Ot, carrescens, Jorr, John rangin of a low swampy place.

231. Laura epil shiri des. t. B.K.

17 May . 23 et ugust 1847. Qunta de near fields . Sep. 1, reflected, 181: 4 alterni, inglist ross color hang ing to deep red 00

82 une 84%. Vinta de . Malos white changed to gettow.

11 st colony 1447.

232 Samavell Da, Inv.

8: 29: August 1841. Setween Willow Bar & Mitable dyning (Commercon)

Bauna biennes

August 1870. A few miles Houth of the lower darry of hanses liver

234, Gama pariflua Dayl 274. Jugust 1840. 30 miles 4210. Council yrove; creek bank. 15 colugast 1847. Bottom landes Alors invertentlex. I. Sani. upwards of 15 geet high at 12 mg

Bar (linima, mm).

1: dep * 4. 1846. Between (no in. and Wilnut Creek, low wrainse.

Stenos, the virgalas

21: digit br. 1849 10 miles Wouth. rest of the wifeer perry of heres, liver, prairie. "lan 1 sust

Ludrigia mil Tis

18 depoter 1847. Black Cate, botto land, near the water.

L'acklernifolia

12 ola just 1846 A few miles I outh of the Lower ferry or han das Kiver.

238. Atopmins valgens. 15 May - 7" June 1847. Sunta de in the water of a pond near it .

129 por rec energetors

21: August 1847. Prio Colorado Wiew Mex 1, thin layers of sort upon and between ledges of rocks near the miter bunh.

194. panifolius. Met.

Santa Sto Creek waller in the mountains lien rocky sunny since sity mount wins.

214 I Annamia Catiplia

en hoed. Courcel prove

214

18: Sight or 1847, last Creek worden about 16 miles cash of Con in l

10: 1 ptm 1844 Sollow of 110 Court

Lythown alatur

210, doust 1340. Council Grove.

215 4 7 1200

1. August - 1 rept br. 1846-1.
18 miles Nouth or sort Lexuer
worth and privites a sew min

Engracede.

216. Epildium argustifdium. 1 24 stum est valy 1844. Vanta ste Crek. Cally in the mountains, in raines, flowers pu ple.

217, E. Coloratum. Muches
16 dune 30 teptember 1840 1.

Santa to creek hed gravelly wet
places new irrigating distohes,
grassy marin of the creek

Fort & Danta de Com Culture ,

230. R. (Salpingia) Flord len, u. M. 1841. Arnta Fe sunny will side also Tio delise. to bank of the river, flower of a

supplied side also wooder of a sulphur color, witch tu no to be realing apter opening and in Loying.

222, R. ticho

28: May 19 5 Duly 1847, Manta-Se creek vally in silferent bealities on son that on any of in the spring to elevate the side of an infrating direction

in places where the soil was kull of ants. Petals white but lurning into red when x ying.

223 R. Thinatified Shit.

32-10: May 84 mean the sour.

Getals white showy or be tanka

Te. believes ver history on a.

218. Ruthera Holler

on the mountains, fort and uning sides of mountains. Fort and uning high.

219 Ponothen Giennis

19 deptember 847, corarre letes, Bluff rech & 110 Creek.

220, Q. hienris J. canesces

so suites of the lover gerry of evan sus rever & den y fire high.

223 the munatified a Trans.
19-9 Tune 182 naty 1847. Inta
The In and new field in with,
evaled places. Flow is unite.

1. ruly 1847. Vanta Me.

221, R. Simuala Minisuta.

Sillerite war a wild. Vanta Sie, 230 h. Limber

28 Luguest 1847. A few miles West of the comman.

East of rock Creek to you miles Feet of the Court to ring, Ginner ron R.

228. R. (Packylophis) Frendler.

16: Vane - 19: Tuly 1847. Santa

229, R. Serrulata, Auto

15 to Hagues 1847. Me Vies's Crak

224 the same slast.

212 - 28 August 1847. Low praise ries from is tolorade to the Sord of the Commanion A.

229. R. Sernlate. Met.

Se nat to legas New Mex. 1224. R. Junatifila. Var integrifdia.

23 to June -18: July 134/. Hante the, near irrigating distores. Also. 18: Jug wit 184%. Admin the form of he Cimmar on E. and Willow

The same as last, more carescent

29: Jugast 1847. About 10 miles Cast of Middle Paring, imarron)

,225, R. specioa, Var.

on the East of 110 Creek bottom, about

22 Tenother, Speciosa

of Council grove, dry mairies 22 Penothera fruticosa car

it: lugues 1846. Counci Grove,

127 R. carres cons, Jorr & Frem.

231. Laura epilohini des. 14.15. K.

17: May .. 28 chagust 1847. Oanla dr near youlds ... Sep. 4, reilexed; Vit 4. altern; want rus cow hang ing to deep rid 800

stolane 347. Sinta et . Atulo; white changed to gettow.

1 st aluty 1447. 1846. 43 (nut Creek nather

232 Gausaville Da, Im.

8: 24: August 841. Between Willow Bar & Mitalle Spring (Ummarron)

Beganne biennis

of the lower terry of hanses tiver

234 Same pariflua Duy (274 Jugust 1840. 30 miles 1/2/10. Council grove; creek bank.

Solugast 1847, Soften land of Alors End (for Alex.). Stant; upwards of 15 ? geet high at 1710, Bar (6 nim and).

1: depter 1846. Botween Cow ?.

and Wilnut Creek, low , wai ite.

Stenosyphen virgatus

21: Aprilon 1849 10 miles worth. West of the applies perry of the us, the formy of the us, though.

Ludriges polatis

18th olopAbr. 1847. Bluif Cech, bottom

L'allernifolia

12 to Che just 1846 I few miles south of the Lower ferry of him

238, Hopmins Vulgins. 15: May - 75 June 1847. Santa de en the water of a pond near it o mangin. 13 August 1846. Council Grove on hills between rocks.

242. M. Jounnela Anti, Infly 12 June 19 July 184%. Venta de a Col verere near frolks, Alower very sittem exp open in the duyline

260. M. irmata, Tur. V-

1: August 1847. Between to Colorado and Bock Creek, low pour 266, I word is set the April

17 - Septh : 1846. Gravelly and of the Ar canses to to Bont's Not

243, M. huda. var

17 stagent 1847. " mi is card of Horo Eive, were prai ie.

248, M. nuda,

25: Jugart 184%. Me Men: Cat 5 reginer 184/. Zune Hork; har is allen 4 put ing h Momer vesper lite.

24 Different for Municipan 2)

" July 1841. alanta Fr. To Carlon

Easiers mountain range at a moderate treight and near the foot of 13 Hay 1841. Hanta de of Carties Ai-3.

mountains, between prices of rech.

legently on the rad from Buil's high wairies. I lant not more than a inclus above the ground Integration or oberate with the appear nail homistoherical tothe rolling or la gearis. here are some in which he roof sired age several Lutterraine in branches him ramsfy again & again in clougas ing , until hey reach the in face where with ramification bears a gibere par at its aputa refried: It raigh ractivating at

right angle to the aster is when

rap: main mayor m or conical aberdes, white, thin more like fine constlut with the exception of from 2 - 4 stronger ones, which are rostly of a red color und make larger ingles with the vaces of their rep.

3 : May 184%. Jo Cacsus 18 3. inta te . Try her regions of the mount in no, steep and rocky miny declivities. Also: on devaled plains somewhat sandy.

that yenerally crown in wige clasters; the young wants of wing from the sides of the old one, n the stort do my line of the subtername an part of the stom from that als the ound that is close so the soit. clometimes notand is of! indivuest plants.

Alternase not and furnow, he rive west orthe advating in s, Igenerally In number nearly in a langential plain so the af . . and a tenshone in he cereme nel much longer than the rest a . " . " a darker color. , ubs: 10 rare y 11.

9° 21- clane 184/. de las us wolf. Wartaite, high well som what o'd roly prairie. young plants growing you he old ones in the same na introduce

The fore eds up No. Clant: 10 ridges, y nevelly 7. radiating, sangential rather out sprines with a larger somewhat curved and oblyon standing in in sucerise and pointing more or less lows : As he aprix + the what i the younger sprines are mo. or use clark to lo ad of a "in er simile near the year yours of The egynesus somewhat year him

213 May - 13th June 1847. 90 Cuctus No 3. Santa de. Migher regions of the mon turns, Thege and rocky sides. Mso: on elevated broken sor ewhat sandy julias, mostly 3 to 3, some hat with a wine with mil sprine ring on the inside from the base in he apad; length of dirines stone wich ; - no ceritral one.

Opuntia clavata

31: Vane 184, . La Cacina VIE 6. Va 1 e si 3 to 8 miles doute lites some nat andy will, in speak ing clusters of from 3-4 feet dians. wine or on might wolls.

25: May 9: 1 wow 18 1%. 10 luchus 1373 8. Nanta Je. Both you in sandy wholy and some ally in steret soil spreading I rows of a (land some but obovate joins with from is spany no seo on roberike, enon ow containing I nodes which we uset with fone in it bristles.

the potent of No 3. has much large. il sainther goines, which are elso mes oblong abovate

19: 12 stree 29: June 1841. 00 (at sent No y. danta e.e. itrol of mountains, on moderale wills and high prairies. Upwards of 6 feet high and the wer per is the thin in some instances 5 inch diamino alpined streathing. cross t lateral as ell as verminal

withe dry and hard, or sort and :2x Lucember 1846. The wellow Limit udhunes to the transher as strong us

ever, and has not changed in its appearance in the least still me I founter. Shis hand of Cartus see no to sta in the old mucin better than the xlas joins hind vi 7 88. when a & sometime used on the top of mud walls, or The same purpose as broken yles, bodles are used in other courtris

4. May 6 June 1841. Co Caco. Uto 1. Vanta He. Castern non us n range, sunny dectivities of the Smaller mountains, cover

15" . 1" cilas 1847. 10 Cacio 12 12 Sanda de, vadey of the lesso hills, love sundy clay su, ingly good soit.

Gressulaceue. 2500 Ribes ; leaves only

16: August 1341. Meroduve ?

256, Ribes leaves only 30 : May 184% 5 miles Now 1 1 151 is Vania de . Vad dig alle between the un r hills, Luns. viscose and fa juculia al

257 Mes auseum Sunta 15' 20 Muguel 1847 . 1'rom More Pive to the work from the bottom land and neil the los is 3 to 5 , et lugh.

25%. Ribes leftanthum, n. M. 25: May 1841 Bicaloto te. Attep and rocky banks of the river, Should a bout 4 per high = 283 Rileptantium, n. M.

8' 25: May 1841 woodel Norte

= 283. R. left authorith 4 29 May 184, Var . M. Shus

255 Tihes cereum, Dry

12" May 1847 Junta de, moun ac

Cur aly bank, see see

25% (ucus bilacial. Ethonorystis lobala

M'etaga 346. Mote jac ato. 81 sels de s'ilndesun.

259. Discanthera dissecta,

2 (11) 134, 2000. Com.

260 mis per conis

of a pend, and near fields in hellows.

16 pourbile pa

19" 31 : 18 dty 1841. Santa Ste, Fields.

Crassulaceue.

262 Sedum Phodida.?

the of the sour ments of the source of the s

263 leptor 1847. Bluff-brech

Jazifragucene.

16: June - 28: Waly 18th Sur to See, it is rectively sy went. wins, in who, Leaves present 1 12 May 24 June 1847, Santa te Creek. 24 sup shady rocky banks.

266. Philadelphus michelyllus
24: Mane = 8: Mary 1847. Sorta

Fre Greek, sunry st pe asit of
the our riss between ocks.

Janusia america ra.

64 - 200 184/. I'ar. te

Corbon nay he were, at a

the corbon action.

by 1,h meter.

Mmbelliferal.

2/18

2/18

201 re la mar faucion

182 deptor 1847. Dieff Cruch,
bottom.

202 iouta nacedata

18' Soften 1847. Sufferete bottom. 270 bienta maculata 15: Mugust 1847. H. o hrv. bark.

31. Munda angustifilia. Koch' 8' August 1841. Wants de Cut.

292 Archemon Fendleri.

Creek gertile will nargin of the water.

273. Heracleum Canalum.

He Creek margin of the wester

The Hendler Jenslevi, Ap Nov.

11: April 50: May 1847. Alanda
The yently stopping declinaties
amongst the yearety hith.

by Mens mortams, butte 24: I geril 1841, Santa Je. Socially and together with the processing on found only in one treatity 276 Thaspium Myntanum, n. sp., 26'etport 3d July 1847. Vanta Fe Creek, sunny declivities fort

Horo liver Clerited rocky region

279 Permes stricts ?

20: Septhy. 1841. 3ollow land of 110 C. h.

220, b, Athonifus Miche.

28 Mr 16 2 une 1847. Surdy land ochy banh or and breek, close to the water. Whoul about 10 feet high.

Joranthaceae.

281

Fire 6 , 1846, 17 March 1847. High louring with about alanta of and brushed places. I found this "the growing only upon the branches " he so hours of small iday that your about they la te, and on no There we . It occurs sometimes in clusters of over 1 hood strame ter and y to high to herewer they are yourt in y me yound on many eighbouring tres, society). Littles. The berry is globose ilijit hamping a clour with x Fige of red often wried polossy. Service on short bran helets , 1 , ra ly is og ther. The ines of dilation of the point tops of and pair of aujacent joints are at right ung to to each other . i ran the more eri chilet after than be love by

Mark My denta Fi mountain range; de livities of the loser mountains. Only on Conferace win much smaller and thin ar clusters than the preceding one. From his comewhat quadrangular.

of the tree on which this plant growes, seem to be much injured by it.

283 Acenth bium Ayeari.

the mountains in ravines. Inty found on (oniseral No. The branches of the tree court ich how and grows are whewever injured by it.

284 pho icarpo plomente.

8 Vigitor 1841. Pawne Hork. G. Kh. H.,

2857. occicentalis

2 Co 256 1846 . Snile of ...

284. 5 de var plineisis.

2 ... Sambrers pubers. Mg

no in y the vator, I to may

Rubiaceae.

16- Sure 15 duly 1841. In so. Cek hady bank ne vi 132 1. ng disch. 288 Galium Fendleri, n. 4p.

Vanta & Creek valley. Manny site of ingle countries. 2 11, not yet. 15 - 8° 11 all 184%.

2 Rg. G. apper simum, n. sp.

16: -21: Du 184% varta de;

Comment of special aligation of the contraction of the contraction of starting with the second of th

290. Stedytes (Houstonia) Julia.
11: -30 - May 1847. 7 ... to do with
1121 of Wanta Ca. ... of or of
gravery sout to the 16s to to ally to
soit. I wiser at up ret.

292 Selve jotij sterophylla
Sedwa '6: Alay ust 1841. 3. 1win
Me New orah und Cond i min

(Circumon) Fraisic.

19 Lugua 1846. Cruncit jiou

10 Milo in conces of oras.

Calinianaceae.

29 3. Valeriona et ulis. Aut.

3tota ane 4, ... finit.

Compositae.

195 moria nort raccusing van I Splo 1847. Ford of the Arlas

Latin Munchata. Hook.

14: 8. Lag. 84/. San Migue

19: 16: 10 0 2: 11: 10 / 2.

L'atris puretate, glabrior

14: Aug. at 1346 fli to po 1,

veruines. Jones inger and me

narrow brack in the flowers no

The same as last

1 30: 149.00 - 13: I get br. 846-1.

" about Cut to Cotton work Creek.

" dry periores. Flower of his none
crowled; bixels of he flowers

she i specime glower white.

300 L. Micata.

31: August 1847. Aledolu tymny
cimmarron Low praine.

lar 4 6 jut righ.

11. etax de 1840 18 no 11 South of Jost Lo zvenworth; Log were tis

298 L. Aquerron V. intermedia. 15- deptor 184; Soras - a netween Just key in and (2. m. ox breek.

297. L. Agranosa While South of fort Sievenworth.

302. L. Dearina,

18 14 de 1 10' y 184 - 40

region a ra Course Greve o

trad teasenworth, 1 n 1 4 10

Latri; scarion ramosa

high prairies Inflorescens lifferent of on the preciding we.

Iltradquia in ermis, 26' Tuly 184/ 2 anta Fe; Sun y side of a hill . I show to feet right the my one strub of his Kinil' seen by me.

126 3 Jugust 1847. When Book. Creek; steep rocky siste of a

Papalorium ageratories 18º Aprilo: 1841. Cuncil Grove, Creek bottom

8. perfectiatura
4. Leg Her. 1847. 8 miles South
of Ford Leavenwo the low Mourie

S. purpure am 23: Septer 1847. Ereck bottom; North of Kansas Liver.

3 Chavisera Machy Mhylla, 172 ot agust 1847. 2 miles Cast of Moro Bis (New Mex); Loot of high rocks. Huhnia expatoriordes 172 August 1840; 18 miles East of Council Grove

Linosepis gravedens B.

23 d'Applor 1840. Bent's Firt;

gravely dry hills. It shout

30 fr. 4 fort loigh.

Kulmia enpatorioides y, gacils
10: " High tives of Mes. 1. 240 2 p.

Huhnia empatorion des

Case and Pawner North Brisis.

15 " Ingust 1840. I bout 100 wills west of unxyund nee;

3 16 Ergs egeratoides 15° clagass 1316. 100 mile n. 21 of Manager vience . Grack boston

16 - Lugar 184/. Horo river, hulliste Carl.

18 - Lugar 184/. Horo river, hulliste between rocks. 1630.

18 - Lugar 184/. 8 miles Carl.

3 & Minckellia Fenderi, n. 1. 1847. Santa ete, Crack, 11 miles about Santa ite, post of mountains, sanny side

Los May ig sune 1847. Santa te, sides of ravines in very try places of las : Eir spanos

Junsend ia Alricea.

19 deport 10 de May 1841. Santa

Te, gord a stoping sun ray declive

itim of hills, less prequently

in grassy, claces.

Formsendia Fendin n. 14. 11. 12. Te. Tr. Harte. Ft., hillsides, gravell, soil.

Tomsendia stri goza. Autt. 4:-15: May 1847. danta de, gravelly hills.

319 Dieteria Coronspiplia.

10- chayuss 10. South. 1840-47.
Walnut Cark to the Fornog

A kansas Bir; loose somewhat
sandy soil Also: a gen miles
East of na. 1.

Tonsendia eyimi a. M.M. 28: June 13: Suyust 1841. Hanta ve Greek, si'des of high mountain, to Abord is in, prai 1.5.

Aster Horse Angline

bank and was writes a feet miles is the form of have wire inverted

16: -10: 0. jester 1841. 0 rai 100 20. istes n'est of Cruncist ;

3 matter sigittifolis

17 de pobre 1847. Council y ove
Creek bollom.

stitte sime

17 - Injust - 33 " heps br. 1847.

15 mins cart of Council from, and a few miles North of the appear ferry of hanses Priver, Creek boloms.

23 & Shopton 184%. Pairies and banks treet banks, 6. lucen rands is or and of I Leave in worth.

o' do not find this

28: Unter 1846 This de los chas.
mos, 6 town 15. Is Fort &
Vanta Fe), bottom-land.

3 to Tuly - 3 de August 1847. Corners of a walled in practure.

the some shark

15 thugust - 3 the October 1846 47. Banks of the More Bis: (At Mex.) and bottom of Poni Creek / betwo

31. Ater lain.

28:0 uly :847. Santa etc., rick - walley in the mountains) miles above ounta te, foot of mountains

366, Aster Divarientus.

3ª South. 184%. Good of Arhan. sas. riv: , South wish, bottom.

3/9. ... ananches or Man.

3/3 to ter miser and is ryon.

22th olyston 1847. Creek banks
and bottoms a few miles North
of the upper terry of lansus

2iver.; 5 . 6 feet high.

Ille tate agureus

viles South heist of the upper

Aster multiglored copitals

A. 4 lhiptor. s

16: 21: Sopter 1847. Cottonwood Creek to the upper ferry of Kansus Eiver Braines.

A obloraifolics

17- Sopton 1847. Frairies and Creeks bottoms about Council

Council grove, margin of Gults.

Of Mer Camers,

1321 A. Alapp plins.
234 August 1841. j miles tast
of Bock- Ereck (M. Mess.)

A. Fenden, M. M. 120: August 1847. Ucaté Cruk, and Trio Colorado.

Egletes Numilis, Two, Hass 25: May 1847. Nanta to Creekcalley job of a 12.11.

Engeron commun w.M. D.

11 depril - 11 - May 1847. Santa

the always declivelies, foot

of hills near saturanets, sortely.

of mountain, dry place.

Erigerm ma cranth um ?

28 o uly 1871. Santa Fre, breek. vastey, sides of winds a condition

32 % Vrisem Condense.
19: inty 0: October 1841. starta To Crack bottom, margin of the Gul.

16: Copt of 1841. Fraisie, a sur

May - 11: Twee 1847. Prio del Norte, low sandy bank. Also: low sandy bank. Also: mountains.

Grigeron flagellare, m. AB 200 May 22 d June 1847. Vanta Dec, Greek bottom, low moist

324 Erigeron Divariontum 1º Septen 1847. Between Con-Bruk & Pawner Fork, rearonde. 325 Erigem Belli diashmin Mit 285 August 1847. It fine miles West of the ford of Cimmarron Priver, and Willow Bar, deep Hand.

Erisom macraellrum Autt
3°-15" aluly 1847. Hanta ite breek,
1194 mountains, 11 miles above.

Enjern Cineserm, M. A. 1. 31: May 192 ouly 1841 Manta Fe, Coch valley, near irrigating distribus

Priorspis ciliata, Shott.

182 taguest ; I Syster: 1847. Solwer, Willow Fr. and Con Creek, low

Solidago of picioa, Branjus tata. 14 - 382 miles 1847. Manta de, Greek madey, ides of wig! mountains.

7: alady 1847. Vanta Je, 1846 11

Suttieneria Enthania.
224 Aprilio 1846. Bonds Fort. Sloo:
5. Valy-10: Propust 1841. Vanta
1'e, gravelly listo.

Soliday rigida

2th olaquel 1846. Council grove,

Sin Idia squarma.

14: Mune St. Jugust 1841. Santas te, Cut bollow; clso: noist celus inst near insignting titches.

Blungs phis constent of Var.

11 = vane - 6 August 1847. She to

10 cente - valley, sunry to disides

so the rocks ofton
10-10. the 1840. A few mite Cast

Co. Chrescers paring into C. phise 12" Taly - 12 reptor. 184%. From Thank it of to dand Creek Willey dry prairies.

6. Canchely Var, mana

of the River the thoothy

1 Setentheea Dealor, B. Mude.
29: -31: etugust 1847. Midde spring
to Lower fring (Cimmorren); low
prairies.

Aplspappes (Bleft) gracilis.
19 + Potaber 1846. Green - bottom, san

Aplestopus spiralous, var falor. 30: August 1841. 16 miles East of Middle Offering (Cinemanny), prais.

M. May 184%. Adwer Santa Ste and Melio del Norte.

colipta crecta

16 Septler 1847. Banks of the Mison

Melanpolium leneanthum)
17 Septor 1846. 18 miles East of
sig dand but high prairies,

Silphous integrifolium

is olegator. 184 f. High miries a few miles South Will & the lipper fory of warman work.

Sichium perfolice tam

3 : les 1: the of hansas liver

Zimia grand flora, Mil.

1. Dune 4: C. loter 1841-4. Hand .

in Dry grand by hard was discovered and danta the foot of a will,

gravely soit.

Engel carrie pir natifida 29: Septen 1846. Traton muntus

Sansa te mer yarden walls no Soil . of August 1841.

16: 8/13 depoter 1847. ing

about the west you. ligion

The same.

26: Tuly 1847. Santa is, to at with near the iseen.

Authoria Long Ander . Ola de Suly - 10: Suguest 1847. ala de Sie, creek bostom und other . Ola level places. Brancha moily se cumbers, upwarts of first in g.

Francia temifica. Hand I have 13: July 1841. 3 d October 1846. 0 Poni-Creek betwee a the sort & Santa Jej low first it. ilso: who what your of hills near an invisating ditch.

Androha long theter ! * Lugust 1847. Vanta J'e,

Hrankina acanthicaspa B winter Hule of the Leavenworth Di dy Hor. 1840. - my Greek brinds Out of went's voit, sandy bed of the creek. -8 Hugust 1841. Willow War,

Arosina spollinema. Mt.
19 October 1846. Danta Fe near
the Creek.

in in coronopifolia

to stay wet 1846 dry mairie of Jone Clar cange 8º 0 goto 184/ c runee Jork

Arania discher, butt. 1: ofugues 1847 cotacen tos Colora to ent rock - C

Frankeria de allesta m. A. (on helys to walker, sut ingh part of the bank.

fra ciliata 1th I Soft the 1847. Sand Creek (I willed , Low wet places in the first e Exit to Fort Leaven

Juliona trifida.

22" August 184/ Orock Freek bots in land. 22 " 1 ugust 1846 - 2" sty tr: 3/6 Council grove to Walnut Creek;

8 to 10 feet high.

Cazela chana Hanthifilia. 8' August 1, 'Mugust 1847. Justa Je - : .. les East of More iver, bottom-lind. & to 10 feet ingh.

by clackens tearthiftis.

10:-22: August 184%, clanta Fe to Owek Crek [N. Mese: BI I want 6 to 10 feit high

Rubedia lacinata 3ª vinne - 19 & day 847. Jantat Creek bottom close 10 the water.

Mudbeck in la i sata

1/ hugues 1846. I bout 1 intes cast of Council Grove, creek softing Auto. I blomentosa

11: stuguet 1846. 15 miles douth

Belantera Antrecarlos Butto 11: 12 0 aguil 1847 Dituen Lecos and Dan Mignet, wo dans

Hominena enceliaides. 1 30 . Azy 9: Into Wenta Ju waste garde o un a one ati t. fields, fort of his . Also? Rio de los otris. J. Paron

Lepady chum mais B. pulcharias 1 h. Ja wet 1841. 18 he 111 of Secos; valey.

Sepachys Columnais Je and offers.

Sepachys columnais von pulch. von dartaite; waste for told and level 1 racis war water 12 1s. Go de Be zut and en situen

Helius they mollis

132 tunust 3 2/31 1, 600 104/ 468 Cry vairis between HO och and fort Lexure th.

Heliarthy rigidus

3 duty 1841. Vania de, w 21c aut len jouace.

H. Maximiliani, I siter 1847. V with side 1 the perol of Irha was Ila bottom land.

4.5 Adianthus lenticulais

23 d June 28 Vuly 1847 wriste fields and danta Fe bruk - valley, omiles above Lan.

H. petitais.

29: August 1847. Middle Spring (limmarrien), low places in the prairie, tiefe 8 to 12 feet high.

Melopsis (acuis

15 : lugues 184%. Sollows land of there

A. trachelistius.

16 tugast 1846 Creek bottom, about omiteo East of Coursel Grove.

Heliomeng multiflere, Autt

Helispin lais Bignacilis. bed, near the water.

Heliantius officies De 14" August 1846. Mich y point low

Aidony was dien

of Missouri Fre , a few miles

Lovellia ausea Handlera ausea, Nov. ga. H. 6'- 27' August : 41. Between Cold. and upper- Spring (Cimmarion) · Bilers Mil Justin -

Source (Pro: bed a few mites below

Bidens frond , sa

25: Septer 1847. Banks of Missouri

Bilens connata

17: Sept in 841. It few miles West places.

10: lugust 184/. Between Santa Se und Pecos.

Corespis tuctora.

17 Jugast 184; I gew nitta (das of Moro River, low places.

Dame on 441

5: 9: Septor: 1846-7. Between Coon trech und Sawner Hort shalow hollows in the perairies suid o be made by the survalores

lens porser

at depoter 184%. You is write on the ford of Artices us too; bottom land

bredpis unducata. Lutt

28: 1 pthr. 1847. 1 yew no ils cart and West of 110 brech, hollows in

60milium gracile.

4' May -1" Dogs br. 1846-41. 20 de post of killo car irrigating disches sites is del Noite; tous Greek.

the same is last

1st October 846. and les As. 12 of tio Colo. x 10; vailer in the prai

Como hi primatus, bar. 14' e ingues 134, 10 ns s - 10 "

Sand in fruit. :0: 0.10ber, 840. rus a Fr : rec

Noidens lenursecta, n. sp. 13: October 1840. ofon, Crek, b. twees Janta Je and is il's toil many in of the Green bank.

Gaillandia princtifida. 13: Sune - 26: July 1841, en x Fey foot or any strong in the

y, primatifida B. 20 4 c'ugu 1847. p. ms & East 1 Trock Greek. Starts, + Went by the heads of flowers, much see than on the wreceding ones.

G. Timmatilida var. 34 : volvey 1847. 200 del Vite,

Garlandia Andebollan lancestate and Walnut Creeks. Garlandia pulchella. 18 tag at 8 2 ptbs. 184 p. tord is he lin on Pav and O'sw. Palapria Jor Honana B. Intradicata. I will be to by breek winder · Los otrices on in an ant. . " Hymen pappy buteus, Mit. 5' lay - 11' Suly 1841. Dant . ' Ochor y as well by holes Admella agentea. n. M. · Diguite " Cla , Wa 1 .t. Man & skern line 127 -Schkulina (ambly spaper) See May Senecio largitation Buth Fe ma gen of pollo near wills. Dysodia chrysanthemorder 10 duly say. In a ste Cut. at Actuella Richandonin Vovi flori brunda: - hig milo a ell as warns and h - both . 10' = 010; 84/. I worse lest 18 this whent howing the and the are of a con relace from plus its Niddellia Tagelina, Mitt Fe Creek willy, for alido na in all i dichus ittoo. 1" 1 tober 1846. ~ won to May we and inta its, wood luno near the road. Melan porin lenearth un on, 10: 1 year 1841. I'm lar a to to the Mignet. 28: Aug ast 1841. 4 dew les ist of Wilow Jui Commercon 11,

Ity wendpappy flarescens, hope it i lugues 1841, Down Fran Might and Chaus. IX, termifolius, Ph. to Lock beek, jonal is. Setimella Acapira, var. Miguel, woodland. 17 chagest 184%. A few miles bast of the liver to dem land. Hele nautumos e the fraises. The fow prairie in Bahia opporti filia. olar to Fe to Wild Spring in marron . I lew places and sixes 172 May 4: Voibr. 1847. Plantx Je mountain sides, hills and to los pulls ... to 3 peit trigh. = 460 8: 0 and 1841. Wente Se, kill, amon rocho. On leaves and stem are scattered, bright shiring Hots, Succio la fildre 26 . 18- 20 July 1817. Foot of a hill danta Fe. Ameiro Longilder, M.M. 2. d vlane . 955 ruly 1841. Easta te treek valley . ilso. 19: 11 ver 1840. Le eis file filius B. Asunatii. 8: deptor 1841. · Zwnee Fork 27: dept be 1846. 27 miles douth of (vont: Fort. Mucio Nemofilias, Richard. 0: letober 1840 & - - 2 une 1847 Danta The treek-bottom, not far from the trute. Alme Cio austus, 22d June 1847. Hanta ale, Creek

I crecio exaltation, Met. Vars 20 April - of June 8th Vantac Creek valley I boot of mountains Ineio Fratari 4 - une :8 duly 1847. Jantaite Creek- alley, foot of mountains Serecio Ouseus VW. breedes
15. May - & Wane 1847. Panta
The week fort of 1116. Serecio Ettendario, m.M. " une 1841. Vanta Fr foot of Trechlites himmifile Touth of or reaction the No thous relication, winon 1: Lugart 1841. Vanta Fe, waste The same 2 repth 1946 Wats at cet issiam existatus V 1/2 August 1840. High ba to f b. Cares cas, South. 1 1st May 1/2 June 1841. 1 and a the sun y the of mountains ever pla s. O. ochrocentrum, n. M. ain siles. / Macrothynchus. profumers, care . 28: Haty 1847. Santa the creek bottom grassy places. Sofis ambigua. in. M. · E. C. e. bott ne level grassy place. " on the jost when baken there is exuling a while withy juice. Rich till a long i pilum 15th Sopison 1811. High perairie about 10 miles Obrith 1, est of the upper gerry of hansas i un Malacottinia ancho ites, Juston Tichen 184, via tei Act is. cation low sandy vant

Lactuca elajata V. Sarpura, 17 of agust 1841. If you miles tal Souther pelohelly = 506 214 August 1847. Between Tio So. x 29, 16. 1846. Walnut Creek. Habalus aspen Council 1 147 16 miles West of Melporine Horidana i equal 1840. Council Grace Greek witters. Tararacum palutie vor latifilm 15 hay 1847. Clanta Fe, Such wil the Junear next; & So of Vot ver 1840 o Frei Erech / between selle or tand far ta So; low Lygodesma pineca. 30: Ture 1 : " aly 184/. " and 20 na: x a week filds. e e flower consisting forerally of 3 liquides which at the lover na tion. ext. have a low ing is yo flower: stamens & positi as inte se lixte spart tiller ap. From this to I fen broke exactes a y low - yearish juice which in come ny mite ait nos phere and house a me is open. of atraian + ubber. Enveloping rices of he ylover head when there the is the court haves the linear. I tem and bran hes arrivated Thours all al inghat Hus h. Stephanomerica runca ata, Sutt y'clune 1st oluly 1847. Marta. " for ofdry hills, although not yo for irrigating tilches or files Aphopappus spinulous, De

in, Santly and gra city very

little intime & places, good by

Albort were and it was back

not very sir from origating

ditches ettoo:

= 495 .. 152 hay - 25 " June 1847, danta the Erect bottom, near the bank 15: 20: May 1847 Vanta ve Greek bottom moist fertile soit. Smelus affer. 1. 13: Quine 1847. Nanta de write polices about tour und along garden - walls. A exacium congipiliem 489 13' August 1846. 80 miles West of independence, stony hill. Lacturca grammifelia Nor-34 July 184, Manta Je, creek valley to miles above Sanga te, righ up the mountains, No ex landed flowers seen by which could tell to color. - Dane of 504. 8° waly 1847. Var. la Se, Creek Jelloy; plower yellow. Mulpdium pulchellen. 8. 23. Waly 1847. Wanta De Creek, hill side facing the creek loose gravely Lord . Mowers: blue Inchus desaceus, 23 0 cione 10 daly 1847. Santa Fe, along the inside of field. walis near irrigating ditches. 11: 23 d June 1847. Santa it Creek villey. Achillea Willefolium 16" June 20" O. tober 1841-16 Panta de Creek-bottom, mois meadows, As also food of mountaires. fl. shite At it same with rose of 13: oluly 1841. Santa Fe. is lowers: rose-color. Atomis'ia bandonis, 17: August 1847. 2 miles East of Mero Oriver, rocky elevated place. Also: 1: Votor. 1840. 8 miles Worth of

Tio Colorado pleto: Went's Fort

Attenisia Dracum culordes. A. higida d dotter 1816. Poni Creek, praine 23d August 1847. 7 miles East og Rock Creek (New Mex.). A. ludviciana -26! Tuly 1847. Sanda Fe, Crek. Artemisia budriciana. 20- Angust - 09 Octor: 1846. Coun-cit Grove to Poni Creek, the Jame as 573 8 514 17 - September 1847. Frairies a few miles head of loun it pour Artemisia filiflia. In 24: August 1841. Kelwan rock and rabbit Gar Creeks fit hex A. Discolor. I young 313 July 184/. a anta to, for A. Vulgaris? 15: July 1847. Janta Je, Creek. Smaphalium Spragdii. 10: -14: August 184/. Between Santa Fe and Vegas. Mount ain woodland low places. Mospital in by the 23ª Muguet 1840. Council from Anteriorna Sivica. 21: May - 3d June 1847. Vanda Fe, hills at the foot of the prigher ne runtains; norther declivities /. Alternaria Firica. 0 : May - 3 & June 184%, cogoing with the preceding one.

Antennais divicas 1. Hey I stone 1849. Vanta S. orthern Leterities , together 1. I chea from adam to dand I want 1841. Santa de Solidajo mlona, Var, rasdine Dysodia dunganthanden.
14: 10° ere 1841 Hente de bruk. Intherwis of theroughala, u. M. 7: 1: 1 ug 1 1941. Ipps fring the a ros to Middle there my amphiachysis Aracycardor des De. 1. Sept br 184/ High prince 2 you wills I with Theast of the appear former of free sas is a Solidogo lancedatar . d Hepton 184. . Hard of ver hanses river, with sixe wet button and in top ton 1841. In neit piece the My je king of hansas Solidago ulmifolia 1. Septer 1841. Sen of the effect ye i'm her was last. Solidays speriosa 1: depth : 1941. High prairies . 2 few no les 2 but he test of he upper sony Solidays nigida 21: Lef Mbr 1847. " he care locale! with the queeding ore Tomsandia grandiflora. and in interesto low prairie. Heterospermum tagetinum. n. M.

l'egas; woodhund.

Creek, bunks and breek butter of Campanulaceur Caspa I acc is of of depth. 1841. Wood land about 6 miles North of the upper strry of Kansas river Flower the 33" defetor 184/. inthomiland of harisas. Erver. 16: June - 3: July 1841. Dan x The Creek of miles x bove Har 1x ette sering side of nion ist wino between rocks. Enicaceae. 16:-11 Quene 184%. Quanta d'e

290 Peder de etro p. d. Jongwie 10: Hugust 134%. Vituren Vanda Fe and focos. Flavina augustifica, "us. 30: August 1847. I miles West of Sower Spring (Comma or 14: 11' at 19001 . 84/ A few mitte East of Moro 4. 10 Merti Sauritalia Cancelata, n. M. 10 Hugue 184; Detaler Har 3 te und Pocas, woodland. Lubeliaceue. per alpother 184% treet but a few me les hist of Mo week. · lower blue sometimes just " 17: August 1846. Cons 116 " 1es Heat of Independence, Carbotto. d -10 the br. 1849 Find at trhanors: Env. 10 Cotton. cook

Creek overshaded manyin of

98: Valy 1847. Vanda . "e Barre

high up on the mon strong

the Breek

Archoft, Walin.
26' and I hay 184, About 6 miles
toust of Landa in Creek lottom.

naily declisations of the mountains.

(invirgness. To 542 larkey call the
besters as our with snow that

average them is nell away.

Anestina acuiren.

25' May 1847. Rio del Sorte; stup about 10 is 1 night.

Primulaceae.

A Summe suffect.

15 April 15 Alay 1841. Dante

to Cook, avery set is fits best,
experse to energy set is now moist

soit. Atals: light rose color in
ly white. Frome for specimens

I tound to have been preserved

in notes, he snow throughout the
erent r.

I Mendia,

3°-10- sune 1841. Santa Fre

6 och sunny morgen, origiter,

let, soil. Fromer of a sy fine

word sander par ple color before

ulrying.

lent about the Siever

Muntagineae.

Hay - 6' August 184 / Hanta Fic. by valley between the lesser hills relieved yout soil. Ilso but how they sides y hills not per from the cost of time visold Norte and a few miles Cost of the Loring / Comma of

6. Sun - 5. Duly 1841. Vanta Fre Crack bittim near the brack.

17: etagust 1846. A Cout 120 miles 1831 of Internalence. Véduliaceur.

Martyr in probosoit 31: August 1347. Lower Upring Grannarron, prairie.

etounthaceuc.

at sinapred analosa

25: August 1846. Councily or

Au "in vilioza

11. It ig not 1840. 10 miles Mouth of Fort Leaven worth. Stewer.

22 Depter, 184 / Woolland about 6 miles Whof the up per yeary of Kansas First. I crophelariaceae.

3 fane - 7' July 184/. 2nt. Fr. Creek - bottom margin y

Near une in Mings in winter

11 May -14: Ortober ranta ere Ceck bottom low santu m fin of the creek . et soil.

Herpestis rotendifolis

the promises 40 mins South. West in the forest of the forest of the forest of the Kans of Eid.

Mirrolus alites 20° August 1846 touncil Grove Creek-bostom.

264 ct, wil 16' yane 1847. Janta The, breek- of ne margin or he we to flat sanly wet banks. one smaller than the rest in the

Grate, sergin of the water port by immercia. Plower blue, projectous in a high degree.

Veronica Anagallis

Cest of Cour'd Grove.

1: taguest 1846. Council Grove ... to bottom , portice soil, Flow 18 feet wigh.

Lindernia di Catala

18 t Softer 1847. Dluff Greek, bottom.

14- August 1846, and 18 Soptember 1847, Sluff truk 11 Hickory point, to them land

13: 26 dunust 181, Batween Rab. lit Car Ereck and Cold Spring (Commarron), Sandy hill side.

Gerardi teruipolia

of If the 1841, The . 110 Get to hart tervenworth; low

bottom, wet places, South of

low places between hills.
Thower: lila, Jugacions.

Gerardia auriculata

18: August 1846. a miles Enst
of Council grove; also:
21: Septon 1847. dry prairies
a few miles South Wast of
the upper surry of hansas his.

la estaques 1846. 10 miles Pres y
Council Grove. Frainse.

It May 26: 08 aly 1847. Santa

4: -28: May 1847. Santa Fe gravelly Tills dry soil.

Michagust 1846. Mickey Frint,

10% o August 84%. Letween in tare and Fors woodland.

12 August 1347. Veryh bow hood

1' -12' inly 1847. Santa " lock hill side; Slower while

Fi breek bottom, cheso: Hon's above Manta . 12, on site and navirus of high mount airs juch the moisture is greater than in the plain of Manta . 12,

The breek, shady, &t, funta Fe breek, shady, goutly stoping declinities, foot of mountain. Pet: white , tham: 2, nearly twice the length of the petals

18: Suly 1947. Santa Fe bruk, hady sides of mountains 11 moles above Hanta Je.

29: of milet - 15: Suly 184%.
Santa Fr, gravelly hills and
Sides of mountains; - Prio del
Note: - Poni (r: and Rayado
Gueli, betw. Bent's First a. d Sundad)
4: October 1846.

Orobanchaceal.

Bint's Fort and dansa Di);
gravely vally.

Verbenaceae.

Verben lije - Ci

130: April - 20: Actober 1846-47.
Waste fielde and low valleys in the mountains, Santa Fe.
West: between Rayado & Ocati

r. Priversa

Te, Creek bottom.

20 d June - 31 ofuly 1841. Santa Je Creek bank.

= 586

83 My 1841. We del Norte , plat sandy bottom not far from the

= 587

19: Votbr. 1846. Santa Fi, Crakvalley, gravelly moist soil.

23d Octor 1846. Nanta St, Creekbottom. 27 dagust 1847 Aggur Pring (linemarron), bottom.

= 587

28 tayast 184/. 1st Septor:
1847. Willow Bar, low sandy
nlaces, also stand week, low
places in the prairies.
Herbina Aubletia

212 Septor 1841. 18 miles Exel of 110 breek.

of of an Miguel ; prairie.
Verbena panicula la
15 : Huguet 1847. Moro River
bottom.

Perbena articul folis 22 d Sept br. 1847. Bollin land of Kansas River.

112 June - 312 Suly 1841 Hans ta Se, Creek-bottom.

perbena strictet

4 Syllor 1847. Fire of e Irkan
sas River to d'awrice Fork,
bottom - land.

Phry a exto la nja

M' August 1846. Ed bout 30 miles cast of Council Grove wollow land.

Japania conform

16: Hagust 1846. About 120 miles West of Independence Creek ved, wet jetaces.

It sew mi to Cast of the 184 j.

It sew mi to Cast of the ta

For to Mord driver; mountain
vulleys and low finarries.

Olive Colorado to Pawne chock, low places in the strains.

Tabiatae.

10 August 10! Octor 1847.
A few miles Exet of Santa
Fe to Allors Priver; mount.
ain valleys and fraines:

25 June -15 duly 184/.
Vanta Fe (reck, foot of
mountains (sunny sole).

16 a une 4- 18 2 Sept br. 1847.

a anta Fe to B-luft-truck,

bottom land.

b. Same Spec. in the white flower.

22 th August - 21 : Syster: 1846. Louncit-Grave; also: 25 mins North of Bont's First.

g'alune - 0: Octor 1841. 1846. alanta se, brech bottom, also sixes of hells between rocks not var grom irrigating dilless

il. apr. 1: 605

Tarans in er y fot Leaven worth, jeres it. Hower: white

10: 163 - tugust 134%. 1000 land in the mountains, low vally,

(ruk - bottom, in moist had

.- (.11=)

142-18 tigust 1847. It you miles thest of legas you there wire.

67

18 chuquet 184 / 6 mi les Exercis More Eive bottom-

11: August 184/. 8 miles Voulle
of Fort I wenne He.

17 stagust 1846. About 25 miles Cust of Council Grove 23 d'une 20 l'Octor. 1846-47.

nan's de Cree : - bollom

near irrisating ditches;

Ford or the Ahanwas ?.

and bast of Councilly ove.

13' Lugart 1840. 11j. miles West y Indepentance , Greek.

o'c. ugust 1846. Counci's Grove Creek bottom.

14'-17' ctaquet 184/ of few miles prist of l'egas Ho ellero. Eiver woodland on prairies.

roch Con Sporte Brand to sont Star 1846.

And Exquest of the continue of the sont of the s

13- Vagues 1846 - 34 Myder. 1847: panses in v. - bottom.

24 thay of the ly 18th. Van to the , sunny viril sixes fain the Creek, between rocks; also: letween rocks near i'm't yating ditches, _ wir new Note.

3ª c'uly 10' of ugust 1849.

clansa Ste, creek valley i'n

the mountains, sunn;
mountains sides between rocks,
also Itone, who near a field.

Boraginaceae.

Lecistropius unasavien

11" August 1847. 3 tween Kirololo racks and Back treek. Low praine

28 August 1841. h How Dar, dep

of hans is sery, low prairie.

3 d luguest 1847, printes Carl

b' finil to I Sune 1847. Vanta en creek bottom, foot of hills at some distance from the sater

of May 28 July 1847 Santa Je, Crak bottom, moist to tile soil at the margin of the water

"H" Jane 15" I why 184 f. Santa "e, en i up the creek, suny side is i'm lains. "n han has of 12 foot diameter it is foot high.

creek valley to bottom land and fout of hills.

Stowers long but marrow.

19 April + 15 May 1841. ranta in story site of hills anny sedi)

the survey

Ja O Hober 18.46. Poni (reck betw. Entitled and Santa Fe Bettom prairie, good oil. The ool of this plant to said by The Hericans to be good furtien booked, to cure sores or Also: '5' at agust 18.4). Setween Pachit Car and Me Nine Greek Balthia tag flo in pil

18to of the 1847. Bluff bruk,

Coypt Jameria

sendy hillside. He Niess Crak

Javely hills South the of Sants

25 Dune 15 aluly 184/, the 1x te, the to the mon tains, when of mountains when rolls.

A: May - 7. Suly 1847, An la Se valleys vetuena, y and gravely hills also Cak vally lose is freeds.

The Caly 1847. Santa Fr, creek villey near a field.

Gypt Jamesi

19: May 31 duty 1841 the tre It is they between the grave by wills where they run out into the plains.

Estimospe ne - virginia nac. 18! Sept be 1841. Steff ech.

12 Suly 841. Nanta Fe. Creek.

17" - 25 & August 1841. Vio Moro to Nock breek; elevated prairies.

Cospt crassespal.

hills worth first of Sanda Se.

Kydrofingllacede.

8 miles souve vari & shake dance chave vari & shake

ett, brick bottent sow withe more

My drole accar.

so stay of sune 1847. Enries touch in a sullar tolerably food soil in a valley because the wills. Potale turn willed

10: 14° Maguel 1846. Harda Si o 6' jus - woodland ralley 2 he mu warrs.

Polemoniaceae.

or Mure 200 r.

yout of holls mair irrigating dit-

= 646

4! # tugust 1847. 12 milis .

the lay of Man 1897 Verice of the process of Santa of San

bunk between ochs Monor blue

b. 28 laguest 1 Septon 1847. Detween 1849. Detween 1849. Detween 1847. Detween 1849. Detween Sorday Street 1849. Les

17' very 1847, vienta de during side fa de en e provelly hell. Orto mille this in place. I vere 184, exact.

23 d lagues 184/. j nice Care

24 dune = 8.7 ac, 184%. O'x 1x in 14 mis a i he truck no he

bolern , till and Je Cal

the Sune 8' stuly 184 / June 18 one high up the Cock Tung

Convolvataccae.

Cuscuta gloine rata

of Hist Exvenion the bellow as

the same

3 September 1847. Sawne

C. Cory li

18: Sept br: 1847. Bluff Court

Cambilata Humb. Tome

9 to Tuly 1841. Hanta Se; waste house jardens and many ag fields. on America, et.

Cast of the ford of Not and sill,

21st August 1817. Between The Colorado and Bock Creek; also Sand Guk 27t depter 1846. so miles South of Souts Stal.

2ª Alber 1846. Between o'Ponie and Eagado Gaho, gravelly hillorde. 162 Adeligant 1847. Pero to rech creek.

3: 10 Muguet 1841. Clanta elle conficials also: wood land between

10 - August 1847. Between Santa c'e una ces. Mountainous

4 Tune 1847. Vanta Se, margin of an irrigating ditch in a waste lying garden,

10 te August 1841. Sétwien Vanta te and Decos, woodland.

Convolvelus Sepium / zlaken,

ind:

Conv. panderatus
232 Seption: 1847. Creek - bottom,
North of hansas river. Itower
white showy.

25 thay . 11 thaty 184 1. Panta the all the foot of dry firths sunny site. Socially . Hower pelaon seen expanded.

10 testagust 1847. Setween Charla

Dolanacede.

21. June -11! August 1841.
Varte de Creck valley about
grilds and i rigating disches.
Iles from Nanta de lo ligas,
extànet, shalu itrees around

28' May 11' Sune 1841. Vanta Fi. C. et valley, close to an irrigating ditch it the poot of a hill.

The in rachest cets of the iron and near fields, that on the ground. The between cotin and dernejo (cets, tearly reis)

of 11' Jugust 1841. Santa " , stuy to by ide of Log woods. Itso for the mountains

Solanum.

creek villy foot of non 1 1 5,

Prest to a gent true Cart of Com.

I study 13 chaquest 1847, tenta to But dalley. Stenny declar , wear the Cat toose soil. & 120 neighbour hood of Upo to 15 mil.

28' g lugues 184 f. I few miles west of Fillow da to Minthe Lyning, or amounts.

Cut to Upper pring i in

l 6º clane 9' o'uly 184/. Nontx

Low wairie.

14: June - 13 daly 1841. Majin of anisaterdard - irrigating distriin a west garden. Oftenens deep blue . chanter So. 1' June 20: August 1847. Frantis Se - our tolle Pfiring Cimmus mi Gravies x ix low places in the firstil's x law bruck botom. Dit wer office in a ray iso trulo.

for y noundains not for your

Medar 18. Ledy 1841. Denta ou Ch bounded will en ook it the room hads

How a my our it was strong of the strong of

Je vane 10: August 1849 Pants Je, waste gardins and yards.

· Gentrandcour.

16 . 5 & Dune 1841. Santa De crek valley, Fort of mountains Alis seem to be very fond of this plant. 4 5 feet high.

1 28: Atagas 5: Sontto 1846 47.

Apocynuceut.

24: June - 28 Vuly , 847. Danta te Deepe rocky sides of mount.

Lis stuy w + 184% Rock creik

192 August 1846. Council Good bottom land of the Greek.

Jas minaceae.

11: lay 184, Vinta Ge sonny hillother between recht, goot of hills and in oulleys. Vlower: Jugacions.

Asolyuix du ce ac.

25 ! June 3/4 cody 1847 Junta the foot of the mountains as well as of the over to lls.

I 11 stune 12 rtuly 1847. Vanta

112 Sune 184 j. Olansa de tak valley sanny wrote of a Song hill.

= 695 fruit

17: chaquet 18+1. 2 miles Cast

Correction of name, given to you.

Finder 688 Gentian Squaring L. J. puberula Taggar.

689. J. Shedrews in Gire B. __

690 Apergan androne emiplin.

691 A. rambining glaberrium

692 Al mubine glaberrium

693 Bolovini soubran n.sp.

21st el ugust 1841, Between die Colora. do and Rock Creek , also cland creek 27 depth 1846. so mites down of Bents itent.

1 2ª Octor 1846. Between oponi and · layado (. who , gravelly hillside 102 - dedugant 184% records borrock trech.

8: 10 stugar 1 1841. Santa etc confictels, also wood land between Janta i've and legas.

10 - August 1841 Between Santa ere in x. rees . Mountainous in odtand, .

14 Olane 1847. Wanta Se, margin af an inigating ditch ind waste lying farden.

to and sicos woodland.

Convolvelus Sepium / glabare,

15 tollagust 1847. More Tiver botten

(our pandrendus 232 Septor 184). Crak bottom, North of hansas river. Stower white showy.

28' May 11' Sune 1841. Vanta Fi C. et valley, close to an irrigating ditch at the poot of a hill.

T'alune 1st Coster 184, -6. Nanta to in excliption the ground. Her between rot, and I mejo tests,

6: 11 lugus 1 1841. Vante. Jug only idea of I freedo. Also from otanta de la ligas, woodle it the mounter is

12 July 6 1.9 21 1847 2011 once the velley fort of non 1115,

1 18 day of my hage 1 84%. 20 h Creek to a gow siles Cant of low cit yrove, praview.

1 7 Waly 10 Mag sat 1847 Vanta ite, Bee to dalley : olarny dech . 1. near the true to loose soil, A. 150 neighbour hood of Ujo xello and.

28 9 Tay 401 181/. 1 few miles rest of Willow are to Minthe Spring Count ron.

Di 9/2 August 184/. Clar Cak to Upper oping i in. ion), los prairies.

1' June . o. at ugast 184%. manta Je . - our lotte Phring Cimnixion Mario x ix low places in the prairies also breek botom. Det un obini una ray nas cruto.

1015 11x - 12 Jul. 1841. Clan eth i will in fields, yla. for your wixons not su gim

1 11 Blue 18 waly 1841. 2 xntx e'll i'm he wasting will in inch x other reconstructs

. I van 18 Mayust 1841. Oantaste 3. ntly stoping sides of ravins loos . rit, ale in level places cak bet in paring a the

Alone o reference de deserting of Here to to I of Alero, in

To viune 10 - August 1841. "into Je, wx. de gardins and yx ds de letaren Senta de ana

· Gentianacede.

168-45 Dune 1841. Suntace creh calley, your of nountains Alis seem to be very roud of this plant. 4 5 feet high.

23 Haguet 5 = Syster. 1846 41. raines a few miles West of the ford of limmarron . 2111 also Virhansus Viryr

B. Jafrania 3. Milanda J. S. 21: Softhe 1847, "Frairies & few miles Worth Wast of the upper

jontians daporaria Worth of hansas liver near it's apper gerry.

Apocynaccue.

24. June . 82 July 1847. Virreta to steep rocky sides & mount zins facing towards the over &.

213 otuga 184% Rockereik bottom - land.

19 daguet 13+6. Council you bottom land of the brech.

Las menuceae.

313. lay 84, Vinta De Junny he the ble between rachs, forthy hollo vod in dalleys. Flower Jugacious.

Ascleju'a da ce ac.

25 June 315 outy 1847. 114 . Ta The foot of the mountains as well as of the war holls.

1 11: Vane 12 Maly 1847. Wanta ete near fields.

112 June 184 f. Olanta eta cak walley sonny will of a stony

= 695 fort 17 dagas 1841 : miles Cast of More diver - 696 a p = 1

River and Rock Cuck.

11 - 25 + + ugust 1847. Detwee. rid Colorado und Mostees's lieste Asitapias tulerosa

18: Dopy 6. 184%. Bluff breek bollom land.

o Hay 11: Maly 1841, Vanta

the weigh bothom I of Sante to a soon as he returns he (= a week or two). I indude Sida hispida?? Can il pombly be the Georgia plant? - It grew in Itdown - destroyed now - but have ford it a on Carren rooky places in the Mining region of ferry of hansas River. Massown with denother ressouries; L'thospern familian as oth santies. I much have dent you sperimens and deed tochere. romeater snawn warrown , to say, but forget at

22d August 1847. Rock Crak bottom

Jan Miguel 1847. Veryhbou hood of Andries vertically, frich

of the upper fory of hansas wives

A. vetirillats

12: August 1846. A few miles de

14: 5' ctugust 1847. Between land My List Siret.

Arentes aurirulata Esta Blut Lish. infinite Car and Me iter's Creeks high prairie.

24 thay 184 , " vio det Norte; flat sandy river back vetween stones

Chenopodiaceae.

To soil . 1846. 20 miles Cast of Sig Sand brech; sandy gravely

25 August 1847. - 19 ! Soft br 1846.
32 miles Cast of Sent's Hort,
near flat prairies near the bank
of the Mansas criver. often
Me teis's luch.

et should I've so si goot high and very much spreading.

10 to August 1847. Between Hanta te and elecos, woodland.

Colorado and Rock Creek.

Rochia dentata

26: August 1847. Between Me. Nees's Creek and Cold Spring; Sandy soit. 10 totaques 1841. Between Our Ta

15' 17' Haguet 1841. Mors liver,

22 de August 1847. Noch Creek.

10! 11: otugust 1847. Between Hanta te an & Fan Miquel, woodland.

Cleptor: 1841. Sand brech in the star of the of the son frairie.

C. lept Mallen. + Procione.

17th & 21th August 1847 40.

(ouncil your, dry part 12.

Ch. albun, commicans.
23ª Vune 1847. Santa de waste
house gardens.

17' May 12' aly 1841. Wantx To tree k vailey; foot of kills when The ground is ochasio rally impaid.

work of.

of yields.

Ch. allow var.

11 August 1847. If few miles
East of Moro Piver.

23 d June y: July 1847, Santa. See; about freids and yards.

Amaranthaceae.

172 stypeller 1846 About 10 miles Cast of Big Hand Creek; high prairie. (Granders), prairie.

(Granders of this plant are not so excerning as in the preciousy me

San Chigast 1847. Peighbor hood of

10 " Septor: 1840. 5 niles South of

14- tayus 1847. 16 miles stal of

The Cotober 1846. Between Van

142 e lay - a chaquet 1847. Danta 14 . Hards and wast places . Also

14° Sune 184/. About houses and fards, extirmating diloties.

the same as last

ion leaves with of the leaves

2. May o'chagust 1841. rantx
i, Crek sattey. Also: Eis tel
Vila vardu soil between rocks
the over bank.

14 June 11 duly 1841. Wanta Se. Couk valley, good of mills.

19" oluly 1847. Stanta . e, near

142 - 213 August 1846. Hickory

The same as last

Så Neptember 1846. Walnut Creek Creek bank.

Nyclaginaceae.

19' May- 11- etuques 184 j. Marta Ge: flat somewhat moiet places not very par from fields and irrigating distohes. Hower white.

10 thugust & signific 1847.
Between Stand de and Go de
Bernal; mountains woodsand
ofleso 28th Splender 1847. Thro
de los thuines, calley, loterable
good soil.
Stowers sold in expanded only

22 de duguet 1847. rock Coule

14: 8 13 to August 18-47. Pogas to chore i criver - cave cornate, involuere of the flower some nas

of Boit's Fort; bank of the

of Moro Fiver ; elevased rocky

112 11 chaques 1846. Nort lave, worth to Council yrove.

Janta the Creek valley, foot of nills auso near fields between rocks.

Involucre of the plower consisting of 5 segments and containing

To July 6 the order of Mansa distohes, amongst the Grantes of understrands. What wis conficulty for be seen opened except in the morning.

Polygonaceae.

Polygonia completion Terrestre lugast 1841, a nites cast of Mora river, pool of a high rocky on ...

Pol. penneylvenice.
85 Sept br. 1841. Lanne Fork,
Greek bottom.

(Commaron): low places.

4: July 8: Septh. 1847. Santa Se and Promee Fort, Creek. bottom.

Tol. virginia.
1/1 deptor 84, Council Grove Creek-botton.

2nd June - 28 Suly 1847, Panta. te margin of irrigating distokes.

J' chely 841. Santa to, Creek

fol ramosissionam

His in igaling distohes.

8th Sept br. 1847, Fawne Forth

At chaquet 1846. Richary point, creek bottom, Leeds new h, smaller than in the proceeding

Dl. soader some form internative form 229 August 18-4/ Foch breek overshaded acep ravine.

8 May 1847. Between the isis it will Norte and Junta Sa, alway ed grassy plains.

New tenders linguited and contract to the said the miles Carl Gare of More River, letters land.

4-5 feet high.

219 June 1847. Janta Fe; near the verigating ditch of a field.

29 August 1847. Middle Spring

8 August 1847. Santa Fe; pasture, wet moory places

J'a livet valley, up in the mount airs of the rection allow in the rection of Mon i'ver, elevated rectify epinn.

25 chaquet 1847, vetweer hab bit far and Moders Creeks. 766 Encyption Fore Character. 16: chaquet 1841, Moo is in, summit of a rocky hill between ledges of rocks.

312 August 1841. Botween Ein Colorado and rock Creek.

23: Septher: 1846. 3 miles x bore Bont's Fort, et & Kanwrs Liver on the rounded very perbly and storice blafts.

15: - 17: of ugust 1847. Moro Eio, rocky elevated region. et leso 3d Citober 1846. Between c'ini and Tayado Creeks.

153 July 1847. Santa Fe, creek valley, mountaine side between rocks. Leaves more or less fur sistent shrough the winter.

14 2 0 nagust 1847. 13 mille 1831 of Vegas.

= 771 15 Sept br: 1846. Est ween tal. nut - and Cow - tireeks.

= 771
28 - etagues 1841. Willow Dar
in Danx . socially . - 5 10 6
yet high.

Cleagnaceue.

dro

Me

of mountains and in rawine.

Ulmaceae.

somewhat oberated bank of the somewhat oberated bank of the souter.
I treelike show about 12 feet wigh, branches epreasing Guphorbiaceae.

25th May - 13th Suly 1847. Pier del Vorte; lower part of rawines

Santa de sunny steep side of stony hills. Also:

of Coffer 1840. Between & Pori and

Aralyska virginira longi petiolati.

(ast of Bluff-Creek.
18: Softh: 1847 Bluff breek,
bottom land.

As virginia brevipetiolali

Creek - botton. Hickory point,

Crotor elliption Mett.

212 depter 1847. Erech-bottom 20 miles Cast of 110 Greek.

Erek and Middle Spring (Commeron: Dry prairie.

20 = Cune - 19 = Cotor: 1840 - 4). 2 ant a S'e; lower part of the town, creek walley gravelly soil, the m steep side of gullys, rather storile soil.

Expertingust 1846. Council grow creek bottom.

19: Sune - 8: Objethr. 1847. Santa Se, in and near fields Exunce Fork steep sanks of the River.

Eugh. variegala

of independence to the say in allys and low praces of the prairies.

Euph. corollata

16: 9.7: September 1847. 18 miles That of Jouncel Grove to First Leavenworth.

2ª May - 28 - July 1847. Nanta Se breek valley: Foot and sunny sides of high mountains

8 depthr. 184 Caune Fork Otter banks of the druk.

Eich.

31° offugust 18+6. Between Cow-Creek and little of rhansa. River.

Santa Fe and Mire Triver. Around the Sand of trees and shrubs, mountainens con nory. How May 1847. In ble into personing street bank chosen these, was a seriely towards in rate of user ally towards

6'-12 tugust 1847. Vanta S. 40 Jun Mig ul.

hills ledy out onches in convices.

so ugust 34% Mr Mess Crick

South the comments to land.

be he coloren rocks. Who is breek.

So! Stur. 10 - 1 why 1841, Senta Fr: callegs nothern the 2 g

the foot of wills.

184 Lynter 1841. Pawner Firk Luga fank of the Creek, bose soil.

8: dept or: 1847. Pawnee Fork; prairie and steep bank of the Creek.

H'allay 18 " luly 1847, Hunta

= 800

hill sides.

= 799

H: clacust 1846. Cichery point

= 799 , minor

1. depotor: 1847. o and Creek, prairie

= 795

44 - 5 celly 1847. Rio del viorie

= 796

From the preceding one in its seets

Cupaliforal.

mountains. a hout Oak, 8 kert togh

mountains. Ashruu . M. & f. - g xul hijn.

1846 41. et Lond for xivent of felt high.

8: vine 1847. Hanta Se, minte,

for ane -19 wally 1841. Ma da for the hout of mountain. Creek and yout of mountain. A should 8 12 feet high.

6: June 1847, Santa de side. of mountains, chrub 8. 10 qui high.

Betulaceae.

16: 25 June 1847. Clarita era, upper part of the Creek sully margin of the water, it home 15 to to 20 jet high.

Salicaceae.

Is I spril 15 May 1847. Janta

Ste, Creck-bottom, expressed to the
inunitations of the creek.

Thrub 10 - 14 feet high win
dry ing, the surge leave a greaty
much on the paper.

30 March - 1st Spril 1847. in
flower.

f 12 May - 20 collay 1847. Vanta te crek-bottom; margin of the creek and near irrigating dites

1 25 May 184/. Wo del viole; fort og steepe montain banks, unengst rocks near the water.

I 11! 20 May 1847. Vanta Se,

nu gin. Hu creek.

At true like shoub about 15

fut high.

could kind no male plowers

to this Shoub.

orch. I ree like should about

of the creek. The buts of this free are could with a very with substance, which resembles was in trum parent and in driving between paper is taken up by the laster and makes the Same transparens and Sicry wish.

Janta Fe. Close to the Creek.

Trees about 40 feet high; lower branchlets long stunder and frenching; trees of a fine grown in the neighbourhood of a house. I could find no male pleaser. To this I.e...

10! chay in flower.

Santa Fr Creek bottom, 4
miles above Danta Si.

it tree with syreadin branch
es; the bank is of a shi wing
white color given out by a come
of a very winte providery surstance which casely concessiff,
authors to clother or with great
to meity.

12' Myrrel 1847, in planer.

Unticaceac.

24: May 1347. Siro del 18 rte.

15 day us 1 1847. More is ver,

Untira canaday is

18: August 1846. 15 miles Cast of Council grove, Creek bollong

Bacherania Cylindrica

15 totagust 1846. 100 miles West of Dave, undence, breek bollom, persite soit.

Comobis Jaliva

10 t of leavenworth.

Humber Expulers & 15! July 1847. Santa Si breek, 6 miles above Santa Si, foot

= 825 4

15 - Jugues 1 18 47. Moro viver,

212 chugues 1846. Council Grow, Crick-bottom.

13 miles Nouth of Fort Leaven worth, 11'c Tay ust 18'46. Seavine. of a take of he higher

for it he is constant of the state of the contraction of the cont

ett get to be strong on the top

part & he who he strong

ones to the younge of the

snooth and of a Saticular

and the beauty

The tower at buts of the trant formatical in ing the winter a the thick of curapa . but you are so inbutance. in man to hoteam or love, I will a star in line czyties worke the w free of the ha he is to the the in you voa les and tertem of the tree by white the su face I rised , to sort el ou tas . I too to part it said end or a get trois and has an agreable olo. Trees 60 80 feet right some of a very wendsome

Custor no nearns upper regions as well as arong the higher part of the saw wind from who he has been wated, robably for the we of him he had been maded, robably for the we of me of the la for trues of the of me of the la for trues of the of warre of the la for trues of the of the warre of the la for trues of the order of the la for the order of the la for trues of the order of the la for the order of the or

fry war dical growth.

I we wove my round.

1 there is

go with in flower.

so that the file carter none, wind the status of the mountains, but not about the sounds the suming of the mountains, but not about the first thought of manching a stindard de feed of found in the leval of plants of the status of the status

Let be a fact this he style a server of the server of the

8 - Sebrua y 1841, and a street, office of the sound of the surprise of the sound of the section of the street of the sound of the section of the secti

Proposed of 1847. Sine to see Creek bottom about jour les son Sunta ore et goung den a north seul se pet sunt brances en a la contra de la contra de la contra de la contra de la contra pelaces.

Leaves articulated quadrangue form person person to che form person to the form of the contra person to the form of the lates.

I found only a true of the hind.

298 (325)

108 2/3 286 437 6.59 .6. 192